

Low-way plug-in connections

Compact 1 (2..7-way)

General information

Illustration



Technical description

The compact connector Compact 1 is used to connect electronic assemblies such as sensors and actuators in motor vehicles. The plug-in connection has a radial seal and individual wire seals for the wiring. The plug-in connection is suitable for engine-compartment installation and engine-mounted components. The compact connector is connected (disconnected) directly and locked by a plastic lug.

Features

- ▶ Sealed plug-in connection
- ▶ No. of contacts 2...7
- ▶ Individual wire seal
- ▶ Less space required

Technical features

- ▶ Vibration resistance: 25...30 g (depending on number of poles)
- ▶ Temperature range: -40...150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, IP X9K
- ▶ Connection cross-sections: 0.35...2.5 mm²
- ▶ Suitable contacts: JPT with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 1 (2..7-way) product category can be found in the internet under www.bosch-connectors.com.

3-way compact connector

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 402 868
Quotation drawing (component)	D 928 000 90A


Technical data

No. of poles	3
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	23.20 x 19.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield/no sleeve connection


Low-way plug-in connections

Compact 1 (2..7-way)


Compact connector 1; 3-way

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	JPT
Designation	Compact connector 1	Type of seal (plug)	Radial seal
Part number	1 928 403 110	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 452	Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	26.20 x 19.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K,9K
		Other features (SO)	No shield

Compact connector 1; 4-way

Illustration		Technical data	
		No. of poles	4
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
Product code	VNP-KOMP1-4//7P	Type of contact	JPT
Designation	Compact connector 1	Type of seal (plug)	Radial seal
Part number	1 928 403 112	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 452	Type of locking (plug)	Using a plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	30.00 x 21.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K,9K
		Other features (SO)	No shield


Compact connector 1; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	JPT
Designation	Compact connector 1	Type of seal (plug)	Radial seal
Part number	1 928 403 137	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 452	Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	21.20 x 19.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K,9K
		Other features (SO)	No shield

Low-way plug-in connections


Compact 1 (2..7-way)

Compact connector 1; 5-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 146
Quotation drawing (component)	A 928 000 452


Technical data	
No. of poles	5
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	35.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1; 6-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 202
Quotation drawing (component)	A 928 000 452

Technical data	
No. of poles	6
Color (FA)	Black
Encoding	1
Secondary lock	Locking plate
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	40.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K,9K
Other features (SO)	No shield

Compact connector 1; 7-way


Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector
Part number	1 928 403 220
Quotation drawing (component)	A 928 000 452

Technical data	
No. of poles	7
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	45.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Degree of protection	IPX 4K,9K
Other features (SO)	No shield


Low-way plug-in connections

Compact 1 (2..7-way)


3-way compact connector

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Gray
		Encoding	1
		Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	23.20 x 19.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K, 9K
		Other features (SO)	No shield/no sleeve connection
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 238		
Quotation drawing (component)	D 928 000 90A		

2-way end clip

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 422		
Quotation drawing (component)	1 928 A00 257		


3-way end clip

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 423		
Quotation drawing (component)	1 928 A00 257		

Low-way plug-in connections


Compact 1 (2..7-way)

4-way end clip

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 424
Quotation drawing (component)	1 928 A00 257


Technical data	
No. of poles	4
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 27.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

5-way end clip

Illustration	
	
Product information	
Product code	VNP-KOMP2-4//7P
Designation	Compact connector 2
Part number	1 928 403 425
Quotation drawing (component)	1 928 A00 257

Technical data	
No. of poles	5
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With slide
Vibration resistance	24 g
Dimensions (L x W x H)	11.50 x 7.10 x 32.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

6-way end clip


Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 426
Quotation drawing (component)	1 928 A00 257

Technical data	
No. of poles	6
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 37.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K


Low-way plug-in connections

Compact 1 (2..7-way)


7-way end clip

Illustration		Technical data	
		No. of poles	7
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	42.40 x 11.50 x 7.10 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VAFK		
Designation	General connection systems, external customers		
Part number	1 928 403 427		
Quotation drawing (component)	1 928 A00 257		

6-way end clip with grooved tubular connection

Illustration		Technical data	
		No. of poles	6
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	26.10 x 37.40 x 29.20 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-4//7P		
Designation	Compact connector 1		
Part number	1 928 403 432		
Quotation drawing (component)	1 928 A00 257		

Compact connector 1; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Gray
		Encoding	2
		Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Dimensions (L x W x H)	21.20 x 19.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Bodywork attachment
		Degree of protection	IPX 4K,9K
		Other features (SO)	No shield
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 722		
Quotation drawing (component)	A 928 000 452		

Low-way plug-in connections

Compact 1 (2..7-way)

Compact connector 1; 5-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 813
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	5
Color (FA)	Black
Encoding	5
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	35.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 403 915
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	3
Color (FA)	Gray
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	26.20 x 19.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 404 550
Quotation drawing (component)	A 928 000 452


Technical data

No. of poles	3
Color (FA)	Gray
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K


Low-way plug-in connections

Compact 1 (2..7-way)


2-way end clip

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Neutral
Product information		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
Quotation drawing (component)	1 928 A00 257	Degree of protection	IPX4K, IPX9K

3-way end clip

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Neutral
Product information		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Quotation drawing (component)	1 928 A00 257

4-way end clip

Illustration		Technical data	
		No. of poles	4
		Secondary lock	None
Product information		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	27.40 x 11.50 x 7.10 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Engine attachment
		Quotation drawing (component)	1 928 A00 257

Low-way plug-in connections

Compact 1 (2..7-way)

5-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 889
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	5
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	32.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

6-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 890
Quotation drawing (component)	1 928 A00 257

Technical data

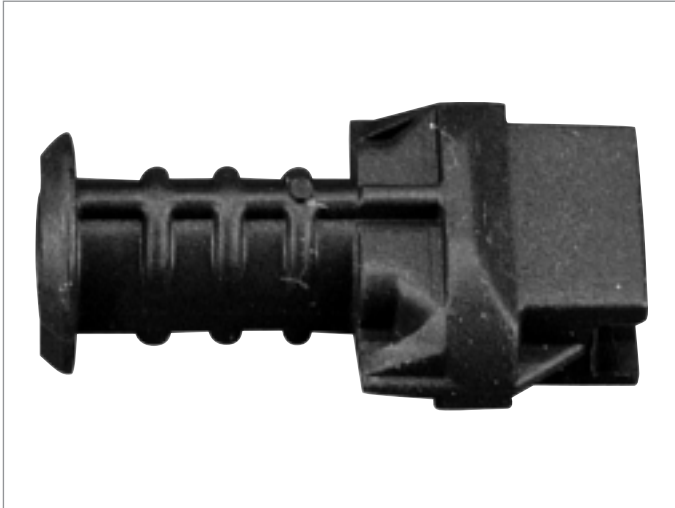
No. of poles	6
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	37.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact 1.a (2..6-way)

General information

Illustration



Features

- ▶ Molded shield
- ▶ Sealed plug-in connection
- ▶ No. of contacts 2...7
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 1.a is used for the connection of such electronic assemblies as sensors and actuators in motor vehicles. The plug-in connection is sealed by a radial seal and individual wire seals for the wiring. The plug-in connection is suitable for engine-compartment installation and engine-mounted components. This connector also features a molded shield in the area of the radial seal. The compact connector is connected (disconnected) directly and locked by plastic lug.

Technical features

- ▶ Vibration resistance: 30 g (50h)
- ▶ Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, IP X9K
- ▶ Connection cross-sections: 0.35...2.5 mm²
- ▶ Suitable contacts: JPT with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 1.a (2..6-way) product category can be found in the internet under www.bosch-connectors.com.

2-way end clip

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 403 422
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	2
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact 1.a (2..6-way)

3-way end clip

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 403 423
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	3
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

4-way end clip

Illustration



Product information

Product code	VNP-KOMP1-4/7P
Designation	Compact connector 1
Part number	1 928 403 424
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	4
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 27.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

5-way end clip

Illustration



Product information

Product code	VNP-KOMP2-4/7P
Designation	Compact connector 2
Part number	1 928 403 425
Quotation drawing (component)	1 928 A00 257


Technical data

No. of poles	5
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With slide
Vibration resistance	24 g
Dimensions (L x W x H)	11.50 x 7.10 x 32.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K


Low-way plug-in connections

Compact 1.a (2..6-way)


6-way end clip

Illustration		Technical data	
		No. of poles	6
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 37.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-4//7P		
Designation	Compact connector 1		
Part number	1 928 403 426		
Quotation drawing (component)	1 928 A00 257		

6-way end clip with grooved tubular connection

Illustration		Technical data	
		No. of poles	6
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	26.10 x 37.40 x 29.20 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-4//7P		
Designation	Compact connector 1		
Part number	1 928 403 432		
Quotation drawing (component)	1 928 A00 257		

Compact connector 1.a; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Black
		Encoding	1
		Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Dimensions (L x W x H)	26.20 x 20.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K,6K,9K
		Other features (SO)	Molded shield
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1.a		
Part number	1 928 403 698		
Quotation drawing (component)	A 928 000 452		

Low-way plug-in connections

Compact 1.a (2..6-way)

Compact connector 1.a; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.a
Part number	1 928 403 870
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	3
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	30 g
Dimensions (L x W x H)	31.20 x 20.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K,6K,9K
Other features (SO)	Molded shield

Compact connector 1.a; 4-way

Illustration



Product information

Product code	VNP-KOMP1-4/7P
Designation	Compact connector 1.a
Part number	1 928 403 913
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	4
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	30 g
Dimensions (L x W x H)	36.20 x 22.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Molded shield

Compact connector 1.a; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.a
Part number	1 928 403 920
Quotation drawing (component)	A 928 000 452


Technical data

No. of poles	2
Color (FA)	Gray
Encoding	2
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	30 g
Dimensions (L x W x H)	26.20 x 20.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Molded shield


Low-way plug-in connections

Compact 1.a (2..6-way)


Compact connector 1.a; 5-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	5
Designation	Compact connector 1.a	Color (FA)	Black
Part number	1 928 404 219	Encoding	5
Quotation drawing (component)	A 928 000 452	Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Dimensions (L x W x H)	41.20 x 22.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K, 6K, 9K
		Other features (SO)	Molded shield

Compact connector 1.a; 5-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	5
Designation	Compact connector 1.a	Color (FA)	Black
Part number	1 928 404 221	Encoding	1
Quotation drawing (component)	A 928 000 452	Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Dimensions (L x W x H)	41.20 x 22.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K, 6K, 9K
		Other features (SO)	Molded shield

Compact connector 1.a; 2-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-2//3P	No. of poles	2
Designation	Compact connector 1.a	Color (FA)	Neutral
Part number	1 928 404 476	Encoding	1
Quotation drawing (component)	A 928 000 452	Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Dimensions (L x W x H)	26.20 x 20.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Engine attachment
		Degree of protection	IPX 4K, 6K, 9K
		Other features (SO)	Molded shield

Low-way plug-in connections

Compact 1.a (2..6-way)

Compact connector 1.a; 4-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.a
Part number	1 928 404 627
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	4
Color (FA)	Gray
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	30 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, 6K, 9K
Other features (SO)	Molded shield

Compact connector 1.a; 6-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.a
Part number	1 928 404 629
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	6
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	30 g
Dimensions (L x W x H)	46.20 x 22.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Molded shield

Compact connector 1.a; 6-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.a
Part number	1 928 404 631
Quotation drawing (component)	A 928 000 452


Technical data

Color (FA)	Gray
Encoding	2
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	46.20 x 22.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	Molded shield


Low-way plug-in connections

Compact 1.a (2..6-way)


Compact connector 1.a; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Neutral
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Engine attachment
		Degree of protection	IPX4K, 6K, 9K
		Other features (SO)	Molded shield
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1.a		
Part number	1 928 404 707		
Quotation drawing (component)	A 928 000 452		

2-way end clip

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Neutral
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VAFK		
Designation	General connection systems, external customers		
Part number	1 928 404 886		
Quotation drawing (component)	1 928 A00 257		

3-way end clip

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Neutral
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VAFK		
Designation	General connection systems, external customers		
Part number	1 928 404 887		
Quotation drawing (component)	1 928 A00 257		

Low-way plug-in connections

Compact 1.a (2..6-way)

4-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 888
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	4
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	27.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

5-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 889
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	5
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	32.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

6-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 890
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	37.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact 1.m (2..7-way)

General information

Illustration



Features

- ▶ Fitted with shield
- ▶ Sealed plug-in connection
- ▶ No. of contacts 2...7
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 1.m is used for the connection of such automotive electronic assemblies as sensors and actuators. The plug-in connection has a radial seal and has individual wire seals for the wiring. The plug-in connection is suitable for engine-compartment installation and for engine-mounted components. This connector also has a shield in the area of the radial seal. The compact connector is connected (disconnected) directly and locked by a plastic lug.

Technical features

- ▶ Vibration resistance: 25...30 g (depending on number of poles)
- ▶ Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, IP X9K
- ▶ Connection cross-sections: 0.35...2.5 mm²
- ▶ Suitable contacts: JPT with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 1.m (2..7-way) product category can be found in the internet under www.bosch-connectors.com.

Compact connector 1.m; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.m
Part number	1 928 403 192
Quotation drawing (component)	A 928 000 452


Technical data

No. of poles	2
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	Plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	26.20 x 20.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX4K, 6K, 9K
Other features (SO)	Fitted with shield


Low-way plug-in connections

Compact 1.m (2..7-way)


Compact connector 1.m; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	blue
Product information		Encoding	1
		Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	26.20 x 20.80 x 30.40 mm
Product code	VNP-KOMP1-2/3P	Temperature range, min./max.	-40 / 150 °C
Designation	Compact connector 1.m	Contact spacing	5 mm
Part number	1 928 403 194	Row spacing	1.00 mm
Quotation drawing (component)	A 928 000 452	Applications	Engine attachment
		Degree of protection	IPX 4K, 6K, 9K
		Other features (SO)	Fitted with shield

Compact connector 1.m; 3-way

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	31.20 x 20.80 x 30.40 mm
Product code	VNP-KOMP1-2/3P	Temperature range, min./max.	-40 / 150 °C
Designation	Compact connector 1.m	Contact spacing	5 mm
Part number	1 928 403 196	Row spacing	1.00 mm
Quotation drawing (component)	A 928 000 452	Applications	Engine attachment
		Degree of protection	IPX 4K, 6K, 9K
		Other features (SO)	Fitted with shield


Compact connector 1.m; 4-way

Illustration		Technical data	
		No. of poles	4
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
		Type of contact	JPT
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	36.00 x 22.80 x 30.40 mm
Product code	VNP-KOMP1-4/7P	Temperature range, min./max.	-40 / 150 °C
Designation	Compact connector 1.m	Contact spacing	5 mm
Part number	1 928 403 198	Row spacing	1.00 mm
Quotation drawing (component)	A 928 000 452	Applications	Engine attachment
		Degree of protection	IPX 4K, 6K, 9K
		Other features (SO)	Fitted with shield

Low-way plug-in connections


Compact 1.m (2..7-way)

Compact connector 1.m; 5-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.m
Part number	1 928 403 200
Quotation drawing (component)	A 928 000 452


Technical data	
No. of poles	5
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	41.00 x 22.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Fitted with shield

Compact connector 1.m; 6-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.m
Part number	1 928 403 204
Quotation drawing (component)	A 928 000 452

Technical data	
No. of poles	6
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	46.00 x 22.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Fitted with shield

Compact connector 1.m; 7-way


Illustration	
	
Product information	
Product code	VNP-KOMP
Designation	Compact connector
Part number	1 928 403 222
Quotation drawing (component)	A 928 000 452

Technical data	
No. of poles	7
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	51.00 x 22.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K,9K
Other features (SO)	Fitted with shield


Low-way plug-in connections

Compact 1.m (2..7-way)


2-way end clip

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 422		
Quotation drawing (component)	1 928 A00 257		

3-way end clip

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 423		
Quotation drawing (component)	1 928 A00 257		

4-way end clip

Illustration		Technical data	
		No. of poles	4
		Color (FA)	Black
		Secondary lock	None
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	11.50 x 7.10 x 27.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VNP-KOMP1-4/7P		
Designation	Compact connector 1		
Part number	1 928 403 424		
Quotation drawing (component)	1 928 A00 257		

Low-way plug-in connections

Compact 1.m (2..7-way)

5-way end clip

Illustration



Product information

Product code	VNP-KOMP2-4//7P
Designation	Compact connector 2
Part number	1 928 403 425
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	5
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With slide
Vibration resistance	24 g
Dimensions (L x W x H)	11.50 x 7.10 x 32.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

6-way end clip

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 426
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 37.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

7-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 403 427
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	7
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	42.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact 1.m (2..7-way)

6-way end clip with grooved tubular connection

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 432
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	26.10 x 37.40 x 29.20 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Compact connector 1.m; 5-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.m
Part number	1 928 403 812
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	5
Color (FA)	Black
Encoding	5
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	35.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	With shield

Compact connector 1.m; 6-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.m
Part number	1 928 403 815
Quotation drawing (component)	A 928 000 452


Technical data

No. of poles	6
Color (FA)	Gray
Encoding	2
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	46.00 x 22.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Fitted with shield

Low-way plug-in connections


Compact 1.m (2..7-way)

Compact connector 1.m; 3-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.m
Part number	1 928 403 914
Quotation drawing (component)	A 928 000 452


Technical data	
No. of poles	3
Color (FA)	Gray
Encoding	1
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	31.20 x 20.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	Fitted with shield

2-way end clip

Illustration	
	
Product information	
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 886
Quotation drawing (component)	1 928 A00 257

Technical data	
No. of poles	2
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

3-way end clip

Illustration	
	
Product information	
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 887
Quotation drawing (component)	1 928 A00 257

Technical data	
No. of poles	3
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact 1.m (2..7-way)

4-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 888
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	4
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	27.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

5-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 889
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	5
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	32.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

6-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 890
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	37.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact coupler plugs

General information

Illustration



Features

- ▶ Coupling for compact connector
- ▶ Sealed design
- ▶ Four encoding options
- ▶ 2.8 mm flat blade can be fitted
- ▶ Mount for vehicle attachment

Technical description

The coupler plug is used as a break connector.

The corresponding female plug is the compact connector. The plug-in connection has a radial seal at the compact connector. An individual wire sealing system is used for the wiring. The coupler plug is suitable for engine-compartment installation and engine attachment. It can be secured in position on the vehicle by means of a plastic or metal holder.

Technical features

- ▶ Vibration resistance: 20 g
- ▶ Temperature range: -40°C...+150° C (contact with gold-plated surface)
- ▶ Degree of sealing: IP 54K, IP 69K
- ▶ Connection cross-sections: 0.35...1.0 mm²
- ▶ Suitable contacts: Flat blade 2.8 mm can be fitted
- ▶ Contact spacing: 5 mm

All currently applicable quotation drawings and technical customer documentation for the Compact coupler plug product category can be found in the internet under www.bosch-connectors.com.

Compact 4-way coupler plug

Illustration



Product information

Product code	VNP-KUPP-2//7P
Designation	Coupler plug
Part number	1 928 403 453
Quotation drawing (component)	A 928 000 291

Technical data

No. of poles	4
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	Tab 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By plastic clips or metal holder
Vibration resistance	2 g
Dimensions (L x W x H)	33.50 x 19.60 x 46.90 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K

Low-way plug-in connections

Compact coupler plugs

Compact 4-way coupler plug

Illustration



Product information

Product code	VNP-KUPP-2//7P
Designation	Coupler plug
Part number	1 928 404 635
Quotation drawing (component)	A 928 000 291

Technical data

No. of poles	4
Color (FA)	Gray
Encoding	2
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By plastic clips or metal holder
Vibration resistance	2 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

Compact 2-way coupler plug

Illustration



Product information

Product code	VNP-KUPP-2//7P
Designation	Coupler plug
Part number	1 928 404 706
Quotation drawing (component)	1 928 A00 046

Technical data

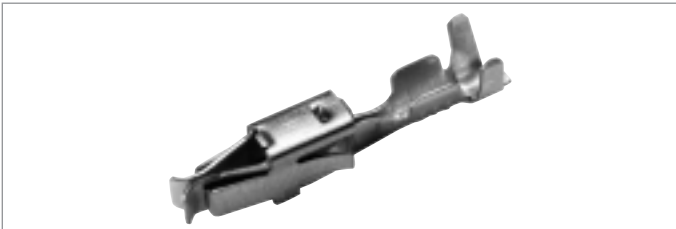
No. of poles	2
Color (FA)	Neutral
Encoding	3
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With a plastic or metal lever
Vibration resistance	20 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K

Contacts

JPT-contacts

JPT contact

Illustration



Product information

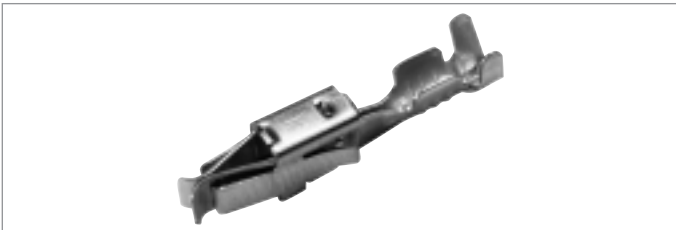
Product code	KONT
Designation	Contact
Part number	1 284 477 176
Quotation drawing	C 280 209 816

Technical data

Contact surface	Tinned
Wire cross-section	0.5 - 1.0 mm ²

JPT contact

Illustration



Product information

Product code	KONT
Designation	Contact
Part number	1 284 477 178
Quotation drawing	C 280 209 818

Technical data

Contact surface	Tinned
Wire cross-section	0.5 - 1.0 mm ²