

Low-way plug-in connections

Compact 1.1 (2..5-way)

General information

Illustration



Features

- ▶ BDK contact (advanced version of BSK contact)
- ▶ Sealed plug-in connection
- ▶ No. of contacts 2, 3, 5
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 1.1 is used for the connection of such automotive electronic assemblies as sensors and actuators. 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.

Technical features

- ▶ Vibration resistance: 20...30 g (depending on number of poles)
- ▶ Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, X9K
- ▶ Connection cross-sections: 0.5...2.5 mm²
- ▶ Suitable contacts: BDK 2.8 (advanced version of BSK 2.8) with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 1.1 (2..5-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 1.1 (2..5-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 1.1 (2..5-way)


Compact connector 1.1; 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	BDK 2.8
Designation	Compact connector 1.1	Type of seal (plug)	Radial seal
Part number	1 928 404 072	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	Type of locking (plug)	With plastic lug
		Vibration resistance	20 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, 9K
		Other features (SO)	No shield

Compact connector 1.1; 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	BDK 2.8
Designation	Compact connector 1.1	Type of seal (plug)	Radial seal
Part number	1 928 404 073	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	Type of locking (plug)	With plastic lug
		Vibration resistance	20 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, 9K
		Other features (SO)	No shield


Compact connector 1.1; 3-way

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
Product information		Encoding	2
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 1.1	Type of seal (plug)	Radial seal
Part number	1 928 404 074	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	Type of locking (plug)	With plastic lug
		Vibration resistance	20 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, 9K
		Other features (SO)	No shield

Low-way plug-in connections


Compact 1.1 (2..5-way)

Compact connector 1.1; 5-way

Illustration	
	
Product information	
Product code	VNP-KOMP
Designation	Compact connector
Part number	1 928 404 075
Quotation drawing (component)	A 928 000 453


Technical data	
No. of poles	5
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BSK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
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	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1.1; 4-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1
Part number	1 928 404 745
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	4
Color (FA)	Black
Type of contact	BSK 2.8
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)	30.60 x 15.30 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

Compact connector 1.1; 4-way


Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1
Part number	1 928 404 825
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	4
Color (FA)	Black
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K
Other features (SO)	No shield


Low-way plug-in connections

Compact 1.1 (2..5-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 1.1 (2..5-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

Low-way plug-in connections

Compact 1.1a (2..3-way)

General information

Illustration



Features

- ▶ BDK contact (advanced version of BSK contact)
- ▶ Molded shield
- ▶ Sealed plug-in connection
- ▶ No. of contacts 2...3
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 1.1a is used for the connection of automotive electronic assemblies such 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 molded 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: 30 g
- ▶ Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, X6K, X9K
- ▶ Connection cross-sections: 0.5...2.5 mm²
- ▶ Suitable contacts: BDK 2.8 (advanced version of BSK 2.8) with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 1.1a (2..3-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 1.1a (2..3-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

Compact connector 1.1a; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 403 874
Quotation drawing (component)	A 928 000 453

Technical data

No. of poles	2
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
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

Compact connector 1.1a; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 403 876
Quotation drawing (component)	A 928 000 453


Technical data

No. of poles	2
Color (FA)	Brown
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
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 1.1a (2..3-way)


Compact connector 1.1a; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	White
Product information		Encoding	2
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 1.1a	Type of seal (plug)	Radial seal
Part number	1 928 403 878	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	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

Compact connector 1.1a; 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	BDK 2.8
Designation	Compact connector 1.1a	Type of seal (plug)	Radial seal
Part number	1 928 403 966	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	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 1.1a; 3-way

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
Product information		Encoding	2
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 1.1a	Type of seal (plug)	Radial seal
Part number	1 928 403 968	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	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

Low-way plug-in connections

Compact 1.1a (2..3-way)

Compact connector 1.1a; 3-way



Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 403 970
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	3
Color (FA)	blue
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
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 1.1a; 2-way



Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 404 114
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	2
Color (FA)	Black
Encoding	2
Secondary lock	None
Type of contact	BDK 2.8
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

Compact connector 1.1a; 2-way




Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 404 213
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	2
Color (FA)	Gray
Encoding	3
Secondary lock	None
Type of contact	BDK 2.8
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 1.1a (2..3-way)


Compact connector 1.1a; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	blue
Product information		Encoding	4
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 1.1a	Type of seal (plug)	Radial seal
Part number	1 928 404 215	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	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

Compact connector 1.1a; 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	BDK 2.8
Designation	Compact connector 1.1a	Type of seal (plug)	Radial seal (F-VMQ)
Part number	1 928 404 655	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 453	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

Compact connector 1.1a; 3-way

Illustration		Technical data	
		Color (FA)	Black/brown/white/blue/gray
		Encoding	All
Product information		Secondary lock	None
		Type of contact	BSK 2.8
Product code	VNP-KOMP1-2/3P	Type of seal (plug)	Radial seal
Designation	Compact connector 1.1a	Type of seal (cable)	Individual wire seal
Part number	1 928 404 656	Type of locking (plug)	With plastic lug
Quotation drawing (component)	A 928 000 453	Vibration resistance	30 g
		Dimensions (L x W x H)	31.20 x 16.20 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, 6K, 9K
		Other features (SO)	Molded shield

Low-way plug-in connections

Compact 1.1a (2..3-way)

Compact connector 1.1a; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 404 657
Quotation drawing (component)	A 928 000 453

Technical data

No. of poles	3
Color (FA)	Black
Encoding	2
Secondary lock	None
Type of contact	BSK 2.8
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)	31.20 x 20.00 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, 6K, 9K
Other features (SO)	Molded shield

Compact connector 1.1a; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1a
Part number	1 928 404 678
Quotation drawing (component)	A 928 000 453

Technical data

No. of poles	2
Color (FA)	Black
Encoding	2
Secondary lock	None
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal (F-VMQ)
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

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

Low-way plug-in connections

Compact 1.1a (2..3-way)

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 1.1m (4..7-way)

General information

Illustration



Features

- ▶ BDK contact (advanced version of BSK contact)
- ▶ Fitted with shield
- ▶ Sealed plug-in connection
- ▶ No. of contacts 4...7
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 1.1m 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 is also fitted with 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: 20...30 g (depending on number of poles)
- ▶ Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, X6K, X9K
- ▶ Connection cross-sections: 0.5...2.5 mm²
- ▶ Suitable contacts: BDK 2.8 (advanced version of BSK 2.8) with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 1.1m (4..7-way) product category can be found in the internet under www.bosch-connectors.com.

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


Low-way plug-in connections

Compact 1.1m (4..7-way)


5-way end clip

Illustration		Technical data	
		No. of poles	5
		Color (FA)	Black
Product information		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
Quotation drawing (component)	1 928 A00 257	Degree of protection	IPX4K, IPX9K

6-way end clip

Illustration		Technical data	
		No. of poles	6
		Color (FA)	Black
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 37.40 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

7-way end clip

Illustration		Technical data	
		No. of poles	7
		Color (FA)	Black
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)	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
Quotation drawing (component)	1 928 A00 257	Degree of protection	IPX4K, IPX9K

Low-way plug-in connections

Compact 1.1m (4..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 1.1m; 4-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1m
Part number	1 928 403 736
Quotation drawing (component)	A 928 000 453

Technical data

No. of poles	4
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
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)	36.00 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 1.1m; 5-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1m
Part number	1 928 403 738
Quotation drawing (component)	A 928 000 453


Technical data

No. of poles	5
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
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)	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


Low-way plug-in connections

Compact 1.1m (4..7-way)


Compact connector 1.1m; 6-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	6
Designation	Compact connector 1.1m	Color (FA)	Black
Part number	1 928 403 740	Encoding	1
Quotation drawing (component)	A 928 000 453	Secondary lock	None
		Type of contact	BDK 2.8
		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)	46.00 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 1.1m; 7-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP	No. of poles	7
Designation	Compact connector	Color (FA)	Black
Part number	1 928 403 742	Encoding	1
Quotation drawing (component)	A 928 000 453	Secondary lock	None
		Type of contact	BSK 2.8
		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, 6K, 9K
		Other features (SO)	Fitted with shield


Compact connector 1.1m; 5-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	5
Designation	Compact connector 1.1m	Color (FA)	Black
Part number	1 928 403 836	Encoding	5
Quotation drawing (component)	A 928 000 453	Secondary lock	None
		Type of contact	BDK 2.8
		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)	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

Low-way plug-in connections


Compact 1.1m (4..7-way)

Compact connector 1.1m; 6-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1m
Part number	1 928 404 525
Quotation drawing (component)	A 928 000 453


Technical data	
No. of poles	6
Color (FA)	blue
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
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)	46.00 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 1.1m; 4-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1m
Part number	1 928 404 658
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	4
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BSK 2.8
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)	36.00 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,(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

Low-way plug-in connections

Compact 1.1m (4..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 1.1m (4..7-way)

Compact connector 1.1m

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1m
Part number	1 928 404 993
Quotation drawing (component)	A 928 000 453

Technical data

No. of poles	4
Color (FA)	Gray
Encoding	2
Secondary lock	None
Type of contact	BSK 2.8
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)	36.00 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,(6K),9K
Other features (SO)	Fitted with shield

Contacts

Bosch damping contact 2.8

General information

Illustration



Features

- ▶ For high vibration loading
- ▶ Suitable for use up to 150°C (Au surface)
- ▶ Secondary locking possible
- ▶ 4 contact points

Technical description

The Bosch damping contact 2.8 (BDK 2.8) is a flat contact for 2.8 x 0.8 mm blade contacts. A special spring mechanism protects the contact point against fretting.

The BDK 2.8 was developed for plug-in connections subjected to high levels of vibration (direct engine attachment). The tinned version of the contact is suitable for temperatures up to max. 130°C or up to 150°C if gold-plated. The primary locking function is provided by the locking-spring arrangement. Secondary locking is possible from four sides between the contact element and the crimping area and from two sides in the area in front of the locking springs.

Technical features

- ▶ Wire cross-sections: 0.5...2.5 mm²
- ▶ Contact spacing: 5 mm
- ▶ Row spacing: 5 mm (5.5 mm)
- ▶ Temperature range:
 - 40° C...+130° C (tinned version)
 - 40° C...+150° C (gold-plated version)
- ▶ Wiring seal: Individual wire seal
- ▶ Rated voltage: 20 mV...40 V (DC)
- ▶ Current-carrying capacity: Max. 14 A (at 90° C and with Au surface)
- ▶ Packaging unit: 4,500x disposable coils

All currently applicable quotation drawings and technical customer documentation for the Bosch damping contact 2.8 product category can be found in the internet under www.bosch-connectors.com.

Bosch damping contact 2.8

Illustration



Technical data

Type of contact	Flat contact
Contact spacing	5 mm
Row spacing	5 mm
Contact surface	Gold-plated
Wire cross-section	0.5 - 1.0 mm ²
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC) / 40 V (DC)
Current-carrying capacity:	max. 25 A (Au, Ag)


Product information

Product code	KONT-BDK/BSK-AU
Designation	Contact
Part number	1 928 498 054
Quotation drawing	1 928 A00 076


Contacts

Bosch damping contact 2.8


Bosch damping contact 2.8

Illustration		Technical data	
		Type of contact	Flat contact
		Contact spacing	5 mm
		Row spacing	5 mm
		Contact surface	Gold-plated
		Wire cross-section	1.5 - 2.5 mm ²
		Wiring seal	Individual wire seal
		Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
		Current-carrying capacity	max. 25 A (Au, Ag)
Product information			
Product code	KONT-BDK/BSK-AU		
Designation	Contact		
Part number	1 928 498 055		
Quotation drawing	1 928 A00 076		

Bosch damping contact 2.8

Illustration		Technical data	
		Type of contact	Flat contact
		Contact spacing	5 mm
		Row spacing	5 mm
		Contact surface	Tinned
		Wire cross-section	0.5 - 1.0 mm ²
		Wiring seal	Individual wire seal
		Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Product information			
Product code	KONT-BDK/BSK-SN/AG		
Designation	Contact		
Part number	1 928 498 056		
Quotation drawing	1 928 A00 076		

Bosch damping contact 2.8

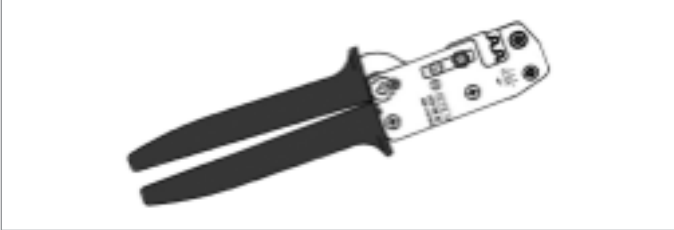
Illustration		Technical data	
		Type of contact	Flat contact
		Contact spacing	5 mm
		Row spacing	5 mm
		Contact surface	Tinned
		Wire cross-section	1.5 - 2.5 mm ²
		Wiring seal	Individual wire seal
		Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Product information			
Product code	KONT-BDK/BSK-SN/AG		
Designation	Contact		
Part number	1 928 498 057		
Quotation drawing	1 928 A00 076		

Contacts

Bosch damping contact 2.8

Hand crimping tool for BDK/BSK 2.8

Illustration



Product information

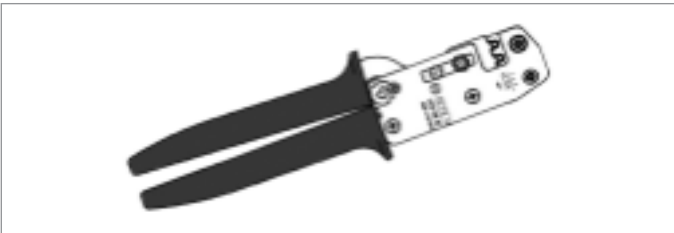
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 161
Quotation drawing	0 928 A00 038

Technical data

Wire cross-section	0.5; 0.75; 1 mm ²
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Hand crimping tool for BDK/BSK 2.8

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 162
Quotation drawing	0 928 A00 038

Technical data

Type of contact	Flat contact
Wire cross-section	1.5 - 2.5 mm ²

Disassembly/extraction tool for BDK/BSK 2.8 mm

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 167
Quotation drawing	A 928 000 635

Technical data