



# MN SERIES

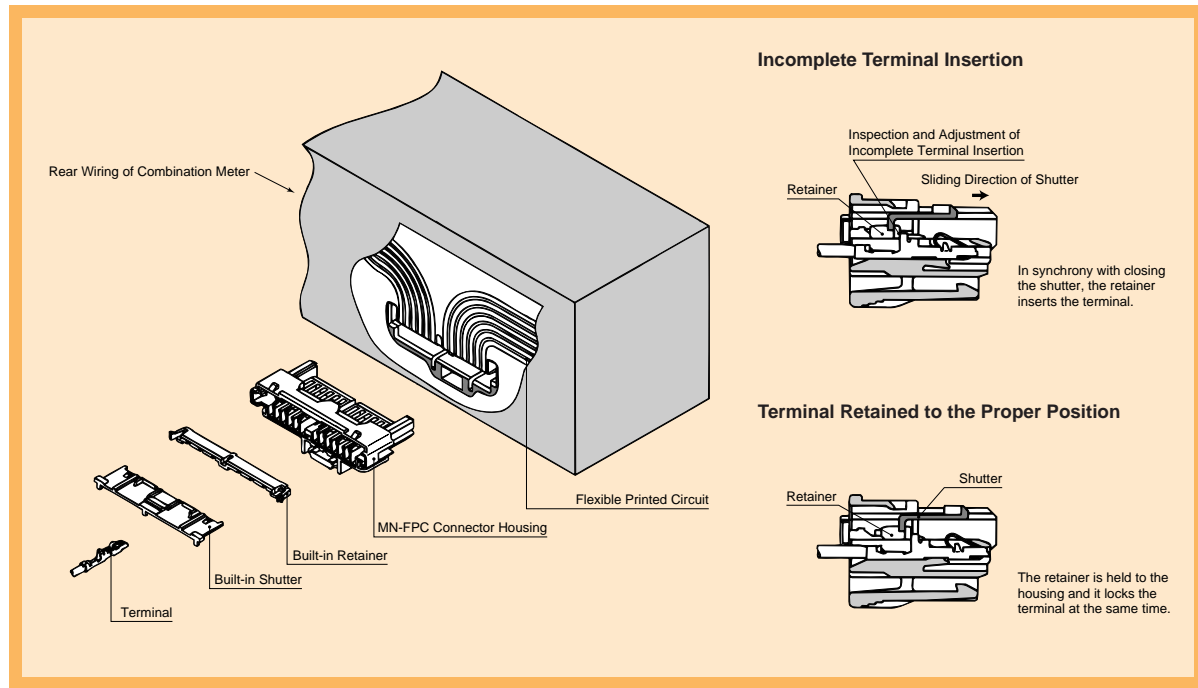
## Features

MN-FPC connector is a small connector that connects directly with the flexible printed circuit used in the rear wiring of automotive combination meters.

- It is a small connector with 3mm pitch between terminals.
- Its housing has a built-in shutter to protect the terminal and a retainer to double-lock the terminal during shipping and harness assembly process.
- Mechanism for custom fitting of the terminal with the retainer, and double-locked mechanism to protect losing the terminal. In addition, holding power to the terminal is increased.
- The retainer is synchronized with the shutter, providing greater efficiency.
- The new developed terminal is compact and reliable.
- There is a click sound with connection which provides clear confirmation of complete engagement, and the housing is shaped to protect against wrenching when engaging the connector. Thus, the reliability is increased.

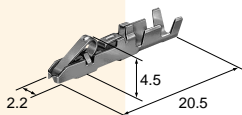
X-01

### Structure



### Terminal (UNIT: mm)

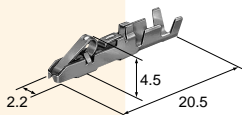
Cable size (mm <sup>2</sup> )	0.5 - 1.25
Cable overall diameter (mm)	1.6 - 2.2
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.3



(8100-0960)

FPC

Cable size (mm <sup>2</sup> )	0.3 - 0.5
Cable overall diameter (mm)	1.4 - 2.1
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.3



(8100-0961)

### Housing (UNIT: mm)

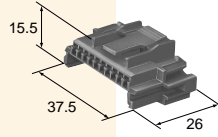
Material/P.B.T.

Color/Other colors housing are available to meet your request.

Retainer, shutter/Built-in on the connector housing.

10way

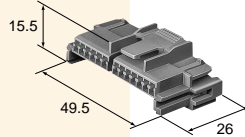
Ref: Terminal part No. X-02  
Color Blue



(6158-8610)

13way

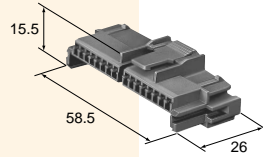
Ref: Terminal part No. X-02  
Color Natural



(6158-1613)

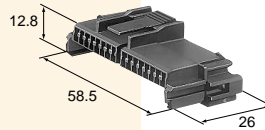
16way

Ref: Terminal part No. X-02  
Color Light Gray



(6158-9616)

Ref: Terminal part No. X-02  
Color Brown



(6158-0001)