

Technical Data:

Material:	Die-cast zinc (nickel plated)
Protection:	max. IP 66/67
Type of protection:	II 1 G Ex ia IIC T6 Ga
CE Declaration:	AV1-IL-C0001
Maximum Ambient temp.:	-40°C bis +80°C
Connection thread:	M12x1
Installation Flange plug/socket:	M16x1,5
wires /poles:	max. 4
Contact material:	gold plated
Connection:	Plug: 0,75mm ² screw type for cable 4-6 or 6-8mm Socket: 0,25mm ² l=0,5m

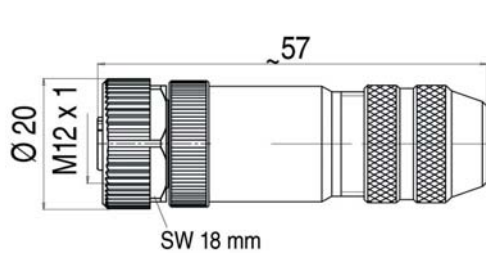
Description

Connection elements on electrical devices enable an easy and quick exchange for maintenance or calibration.

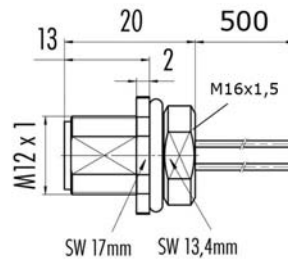
The Exepd Connection elements Type AV1-IL-* are for the use with intrinsically safe circuits. Evaluated in accordance with the latest standards the units can be used as simple electrical device for the use in zone 0/1/2. Beside the use with enclosures, the units could also be used as coupling elements to enlarge cables. The Ex i connection elements are available in three different encodings. Because of their high IP protection rate as well as their wide ambiente temperature range, these units are made for the use in harsh environmental conditions. Also available are protection caps.

(*) Article number

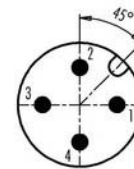
Variations



Coupler

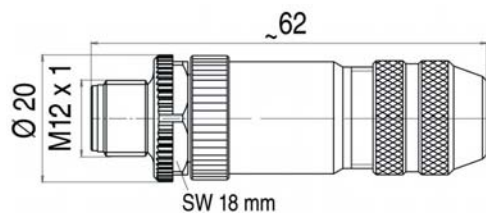


Flange plug

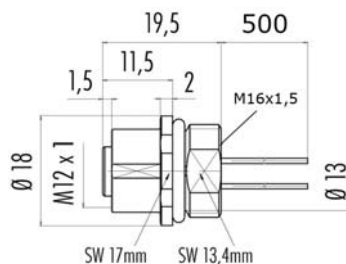


- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black

Occupancy
Flange plug
and cable plug



Plug



Flange socket



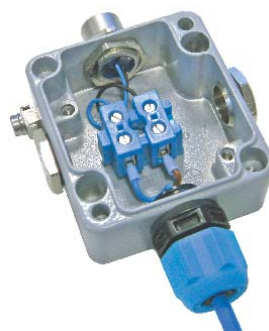
- 1 braun/brown
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Occupancy
Flange socket
and cable socket

Applications



Plug / Coupler



Single connection box
with one flange socket



Multi connection box