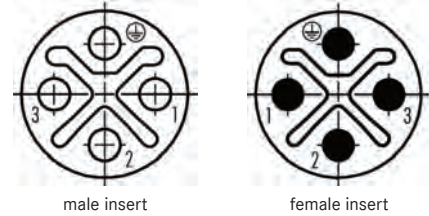


EPIC® POWER M12

Compact screw-terminated circular connectors for power applications



view from contact side



male insert

female insert

Approvals



Application advantage

- M12 3+PE screw-terminated connector
- Voltage up to 630V and current up to 12A
- Reliable connection in a compact form factor
- Coded connector face eliminates connection errors
- IP67 high protection rating

EPIC® POWER M12 connectors are available in six housing styles and two M16 harness panel mounts. Common to all arrangements is a tough polyamide housing, integral strain relief, environmental protection, and gold-plated contacts. The inherent properties of PA provide good wear resistance and ease of connection.

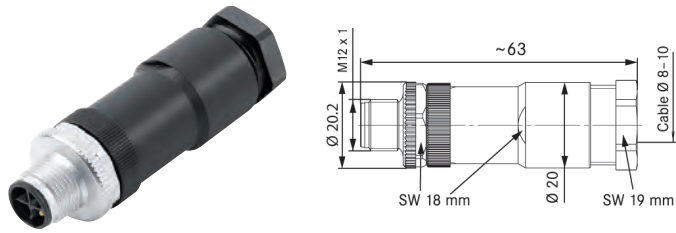
The connector is S-coded and is designed not to accept other devices with different coding. Contacts are gold-plated for improved conductivity and assembly is made easy with screw-in terminals.

Technical data

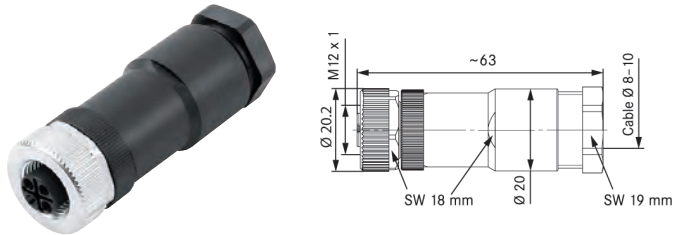
Number of contacts:	3+PE, S-coded	Protection class:	IP67
Temperature range:	-40°C to +85°C	Cable diameter:	8-10 mm
Rated voltage:	630V	Mating cycles:	100
Rated impulse voltage:	6kV	Contact material:	
Rated current:	12A	- housing:	PA
Wire size:	19-16 AWG	- contacts:	gold-plated copper alloy

EPIC® POWER M12 connectors

male cable coupler



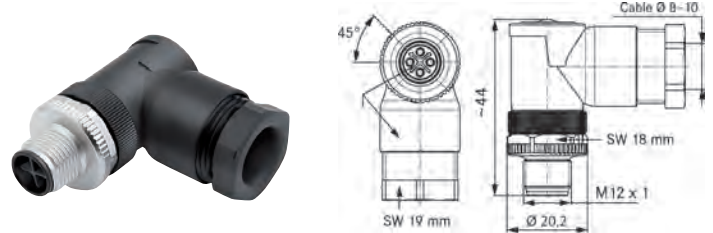
female cable connector



all dimensions are in mm

Part number		Contact configuration
male	female	
M12 straight connectors		
44423140	44423141	3+PE

male 90° cable coupler



female 90° cable connector



all dimensions are in mm

Part number		Contact configuration
male	female	
M12 90° connectors		
44423142	44423143	3+PE

The contact carrier can be fixed in four different 90° positions

EPIC® POWER M12 panel mount bases

male panel mount base



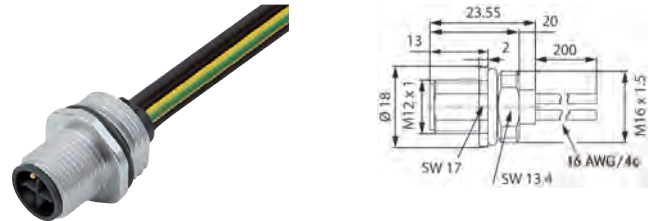
female panel mount base



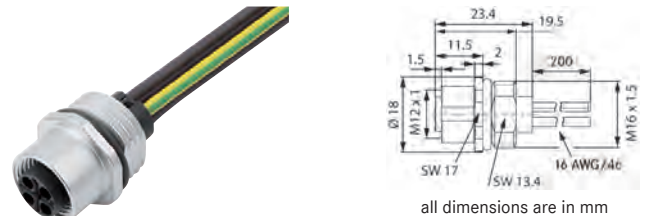
all dimensions are in mm

Part number		Contact configuration
male	female	
M12 field wireable		
44423144	44423145	3+PE

male pre-wired panel mount base



female pre-wired panel mount base



all dimensions are in mm

Part number		Contact configuration	Cable incl. ground	Cable length in
male	female			
M12 pre-wired				
44423146	44423147	3+PE	16 AWG/4c	7.8

If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.