

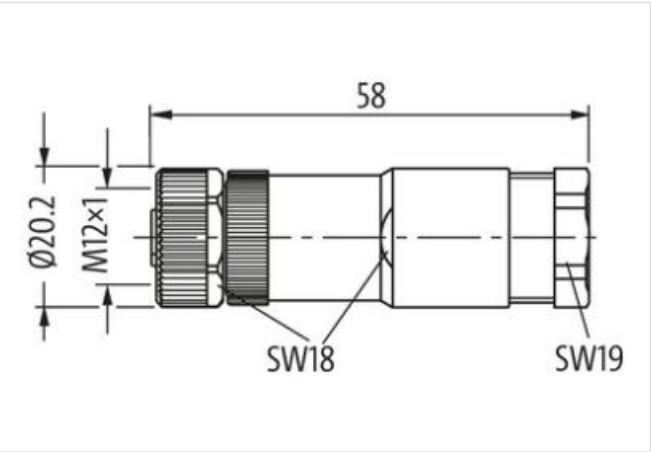
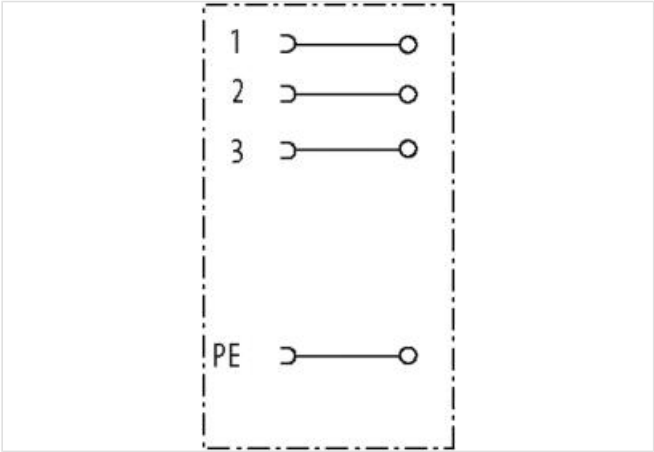
M12 Power female 0° S-cod. screw terminal

4-pol., max. 1,5mm², 8 - 10mm

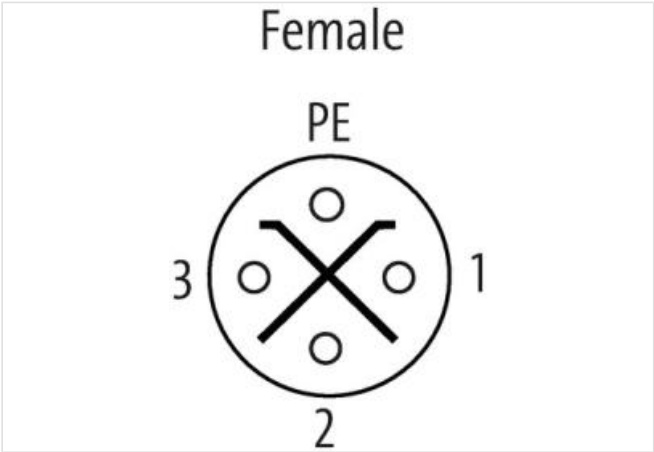
Female straight
M12, 4-pole
S-coded
Screw terminals
Sealing range (cable Ø): 8...10 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



Product may differ from Image



Side 1	
Family construction form	M12P
Coding	S
Material contact	CuZn

No. of poles 4

Commercial data

ECLASS-6.0	27279221
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-8.0	27440102
ECLASS-9.0	27440116
ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	4048879653831
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	600 V
Operating voltage DC max.	600 V
Current operating per contact max.	12 A

Installation

Cross section connection with wire end ferrule max.	1,5 mm ²
Cross section connection without wire end ferrule max.	2,5 mm ²
Cross section connection with wire end ferrule AWG max.	16 AWG
Cross section connection without wire end ferrule AWG max.	14 AWG

Installation | Connection

Tightening torque	0,6 Nm
Mounting set	M12 x 1
Width across flats	SW18

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	III
Overvoltage category (EN 60950-1)	III

Mechanical data | Material data

Coating contact	gold plated
Material housing	PA

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
Clamping range min.	8 mm
Clamping range max.	10 mm
Height	58 mm
Width	20 mm
Depth	20 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	85 °C

Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.