

M12 Power female 0° S-cod. screw terminal4-pol., max. 1,5mm², 8 - 10mm

Female straight

M12, 4-pole

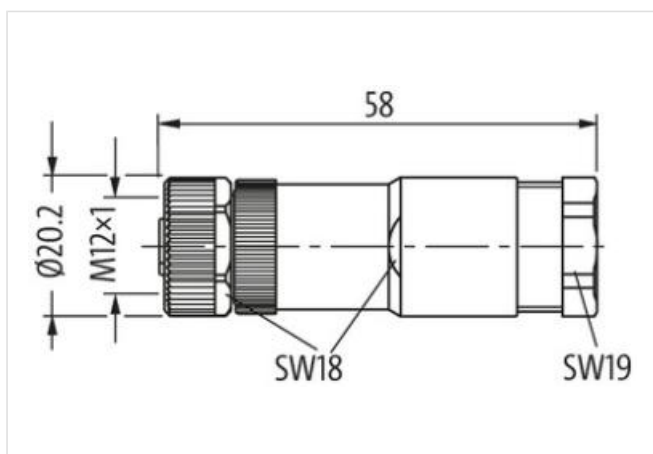
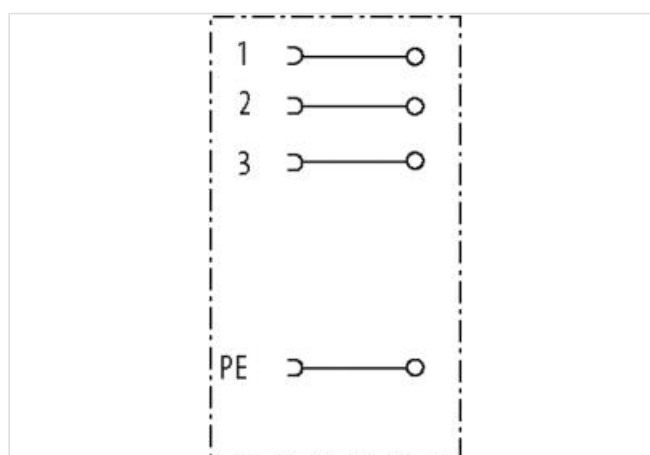
S-coded

Screw terminals

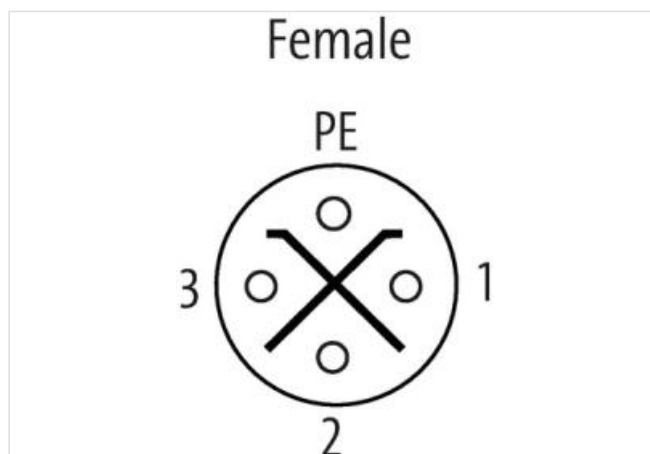
Sealing range (cable Ø): 8...10 mm

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 a termékhez](#)**Ábrák**

Szimbolikus ábra

**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.