

MOSA M12 female 0° field-wireable (IDC)

4-pole 0.25...0.5mm²

Customized printing and packaging

Female straight

M12, 4-pole

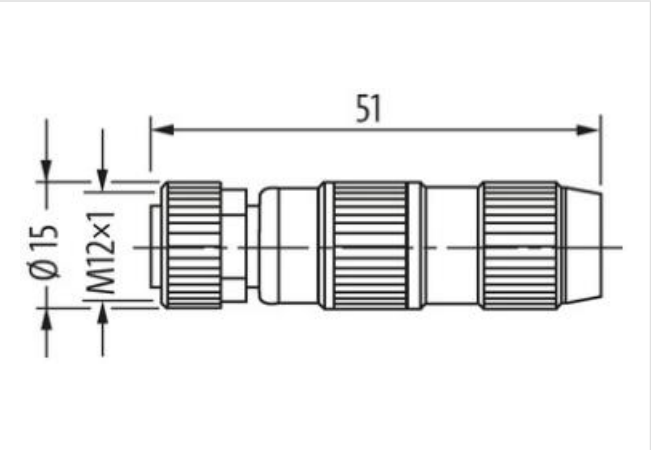
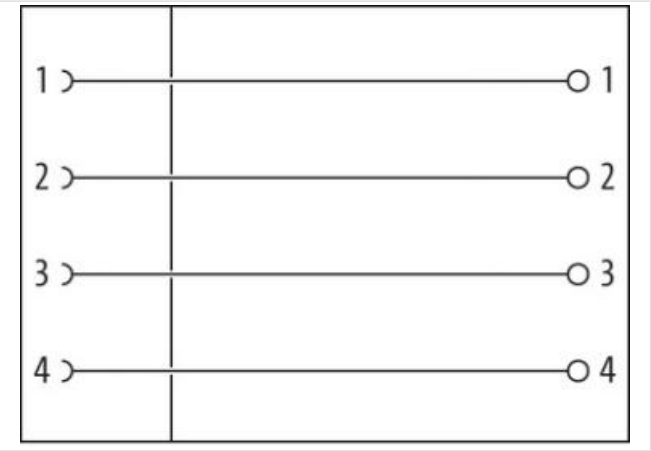
IDC terminals

Connection cross section: 0.25...0.5 mm²

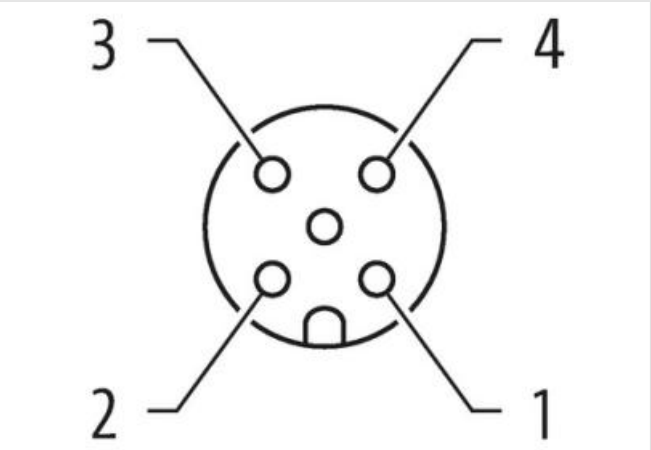
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



Product may differ from Image



Side 1	
Family construction form	M12
Coding	A
Material contact	Copper alloy
No. of poles	4

Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67

Commercial data

ECLASS-6.0	27279221
ECLASS-7.0	27440104
ECLASS-8.0	27440104
ECLASS-9.0	27440102
ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC001855
customs tariff number	85366990
GTIN	4048879848718
Packaging unit	10

Electrical data | Supply

Operating voltage AC max.	32 V
Operating voltage DC max.	32 V
Current operating per contact max.	4 A

Diagnostics

Status indication LED	no
-----------------------	----

Installation

Connection cross section min.	0,25 mm ²
Connection cross section max.	0,5 mm ²
Single wire diameter min.	0,1 mm

Installation | Connection

Wire insulation diameter min.	1,2 mm
Wire insulation diameter max.	1,6 mm
Tightening torque	0,6 Nm
Mounting set	M12 x 1

Device protection | Electrical

Additional condition protection degree	screwed, mounted
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	III

Mechanical data | Material data

Coating contact	gold plated
Coating of fitting	nickel plated
Material gasket	FKM
Material screw connection	Zinc die-casting

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	5,1 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °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.

Conformity

Product standard

DIN EN 61076-2-101 (M12)