MURR ELEKTRONIK
stay connected

MOSA M12 female 90° 3LED field-wireable (IDC)

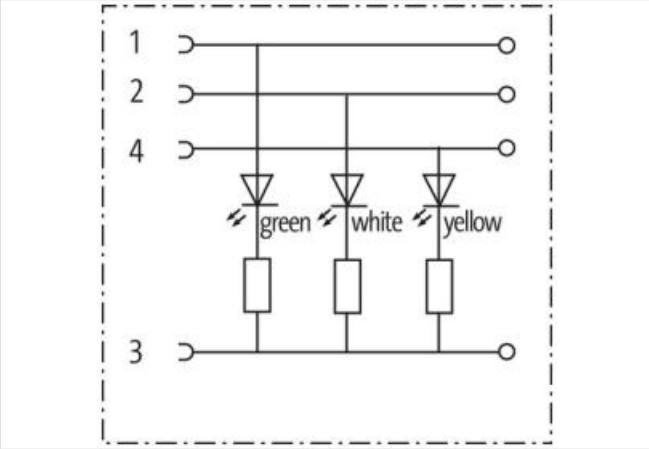
4-pole 0.25…0.5mm²

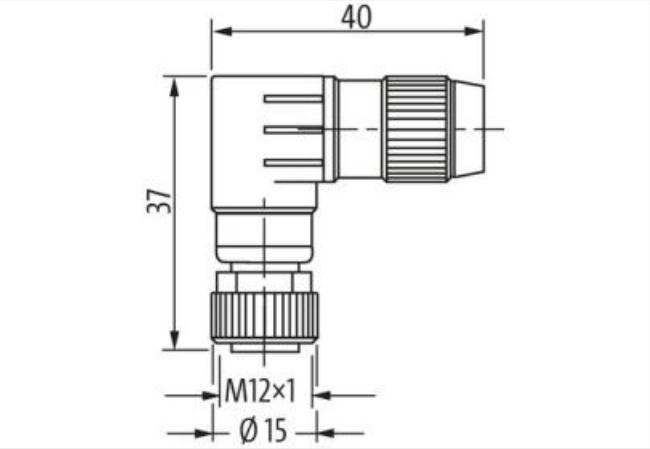
Customized printing and packaging
Female 90°
M12, 4-pole

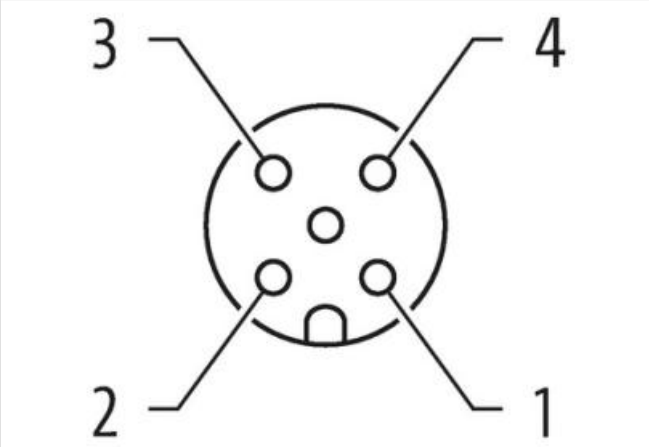
IDC terminals
The resistance to aggressive media should be individually tested for your application. Further details on request.
Connection cross section: 0.25...0.5 mm²

Link to Product

Illustration







Product may differ from Image

Side 1

Family construction form	M12
Coding	A
Material contact	Copper alloy

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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	4048879848695
Packaging unit	10
Electrical data | Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, white, yellow
Installation	
Connection cross section min.	0,25 mm²
Connection cross section max.	0,5 mm²
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)