

## M12 male 0° A-cod. IDC

3-pol., 0.25 - 0.5mm<sup>2</sup>, 4 - 5,1mm

Male straight M12, 3-pole **IDC** terminals

Connection cross section: 0.25...0.5 mm<sup>2</sup>

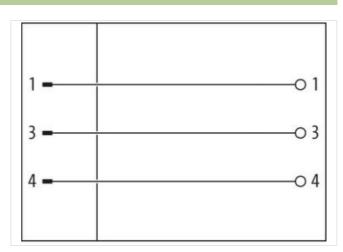
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

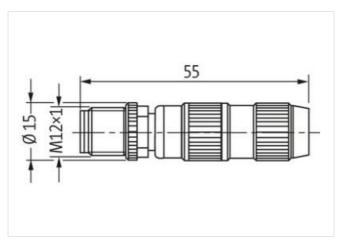
The resistance to aggressive media should be individually tested for your application. Further details on request.

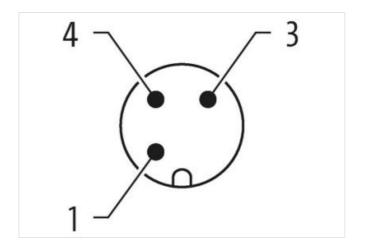
## **Link to Product**

## Illustration









Product may differ from Image

Side 1	
Family construction form	M12
Degree of protection (EN IEC 60529)	IP67
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	4048879201858	
Packaging unit	1	
Electrical data   Supply		
Operating voltage AC max.	32 V	
Operating voltage DC max.	32 V	
Current operating per contact max.	4 A	
Installation		
Connection cross section min.	0,25 mm <sup>2</sup>	
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	
Device protection   Electrical		
Additional condition protection degree	inserted, screwed	
Rated surge voltage	0,8 kV	
Material group (IEC 60664-1)	III	
Mechanical data   Mounting data		
Mounting method	inserted, screwed, Shaking protection	
Clamping range min.	4 mm	
Clamping range max.	5,1 mm	
Height	55 mm	
Width	15 mm	
Depth	15 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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	