

## M12 female 0° A-cod. IDC

3-pol., 0.5 - 1.0mm<sup>2</sup>, 5,5 - 8mm

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

Connection cross section: 0.5...1.0 mm<sup>2</sup>

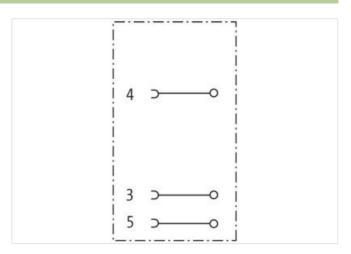
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils.

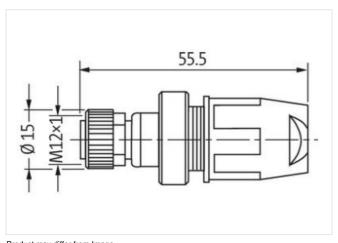
The resistance to aggressive media should be individually tested for your application. Further details on request.

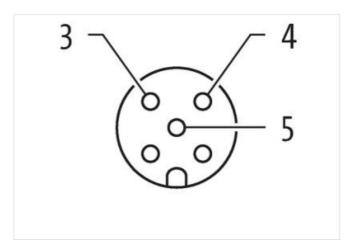
## **Link to Product**

## Illustration









Product may differ from Image

Side 1		
Family construction form	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	4048879201728		
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.	0,5 mm <sup>2</sup>		
Connection cross section max.	1 mm <sup>2</sup>		
Single wire diameter min.	0,1 mm		
Installation   Connection			
Wire insulation diameter min.	1,6 mm		
Wire insulation diameter max.	2 mm		
Tightening torque	0,6 Nm		
Device protection   Electrical			
Additional condition protection degree	inserted, screwed		
Mechanical data   Mounting data			
Mounting method	inserted, screwed, Shaking protection		
Clamping range min.	5,5 mm		
Clamping range max.	8 mm		
Height	55 mm		
Width	22 mm		
Depth	22 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.		