

M12 male 0° A-cod. IDC

3-pol., 0.25 - 0.5mm², 4 - 5,1mm

Art.No.: 7000-12461-0000000

Weight: 0.024 Country of origin: DE

Model designation: MSAL0-AC-R-IDC

Male straight M12, 3-pole IDC terminals

Connection cross section: 0.25...0.5 mm²

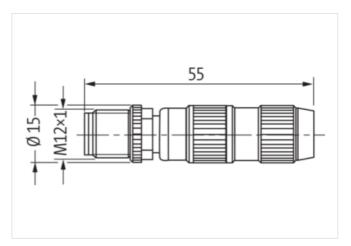
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

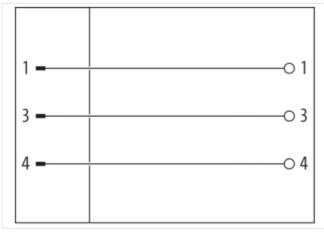
The resistance to aggressive media should be individually tested for your application. Further details on request.

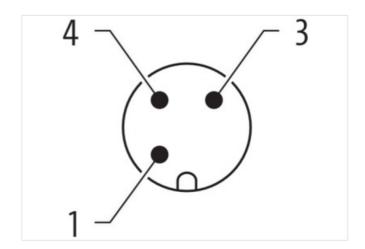
Link to Product

Illustration









Product may differ from Image

Header	
Material short text	MSAL0-AC-R-IDC
Side 1	
Family construction form	M12
Degree of protection (EN IEC 60529)	IP67

Commercial data



stay connected

URL Webshop	https://shop.murrelektronik.com/7000-12461-0000000	
GTIN	4048879201858	
ECLASS-6.0	27279221	
ECLASS-6.1	27260702	
ECLASS-7.0	27440102	
ECLASS-7.1	27440102	
ECLASS-8.0	27440102	
ECLASS-8.1	27440102	
ECLASS-9.0	27440116	
ECLASS-9.1	27440106	
ECLASS-10.0.1	27440106	
ECLASS-10.1	27440102	
ECLASS-11.0	27440106	
ECLASS-11.1	27440102	
ECLASS-12.0	27440116	
ECLASS-13.0	27440106	
ECLASS-14.0	27440106	
ETIM-5.0	EC002635	
ETIM-6.0	EC002635	
ETIM-7.0	EC002635	
ETIM-8.0	EC002635	
customs tariff number	85366990	
EAN	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		
Single wire diameter min.	0.1 mm	
Connection cross section min.	0.25 mm²	
Connection cross section max.	0.5 mm ²	
Installation Connection		
Tightening torque	0.6 Nm	
Wire insulation diameter min.	1.2 mm	
Wire insulation diameter max.	1.6 mm	
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		
Height	55 mm	
Width	15 mm	
Depth	15 mm	
Mounting method	inserted, screwed, Shaking protection	
Clamping range min.	4 mm	
Clamping range max.	5.1 mm	
Environmental characteristics Climatic		
	05.00	
Operating temperature min.	-25 °C	



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.

Note on strain relief

Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.