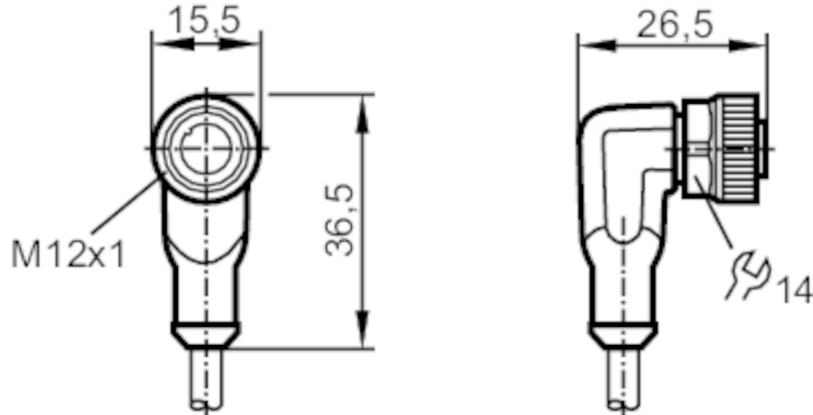


Connecting cable with socket

AD0AH050SCS0002T05



Application

Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application	welding applications
Free from silicone	yes

Electrical data

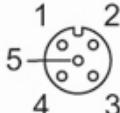
Operating voltage	[V]	< 60 AC/DC
Protection class		II
Max. current load total	[A]	4; (cULus: 3)

Operating conditions

Ambient temperature	[°C]	-25...90
Note on ambient temperature		cULus: ...75 °C
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...75 °C
Protection		IP 65; IP 67; IP 68; IP 69K

Connecting cable with socket

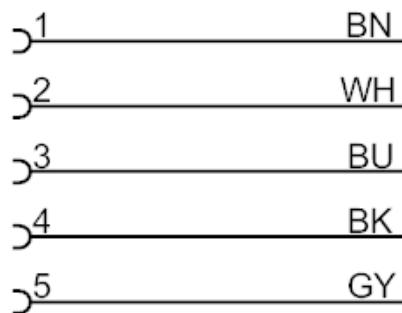
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Mechanical data		
Weight	[g]	95.2
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials		housing: TPU orange; Sealing: FKM
Material nut		brass, anti-spatter
Drag chain suitability		yes
Drag chain suitability	bending radius for flexible use	min. 10 x cable diameter
	travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	bending cycles	> 2 Mio.
	torsional strain	± 180 °/m
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm ² (42 x Ø 0.1 mm)		
Electrical connection - socket		
Connector: 1 x M12, angled; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm		
		

Connecting cable with socket

ADOAH050SCS0002T05

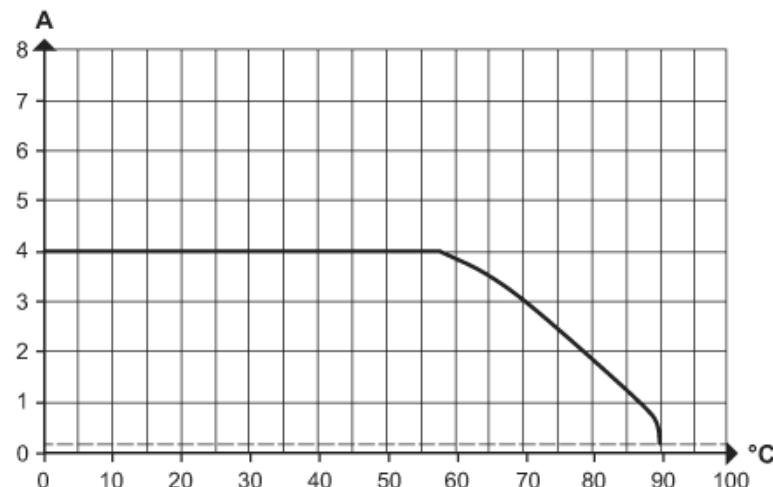
Connection



Core colours :

BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white

Diagrams and graphs



Derating $I_{max} * 0.8$ DIN EN 60512-5-2

- X Ambient temperature [°C]
- Y Current [A]