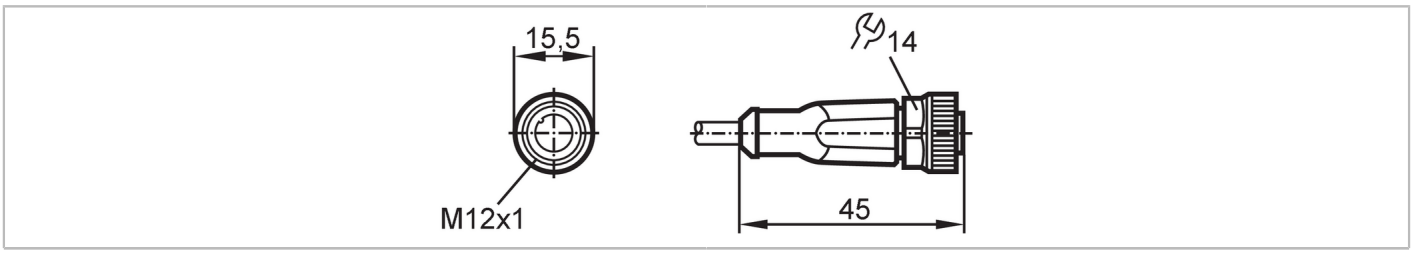
EVW010

Connecting cable with socket

ADOGH050SCS0002T05



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
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
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
Other climatic conditions for storage according to stated class		1K22/ DIN 60721-3-1
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	96
Dimensions	[mm]	15.5 x 15.5 x 45
Moulded-body material		TPU
Material nut		brass, anti-spatter
Sealing material		FKM
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/s²
	bending cycles	> 2 Mio.
	torsional strain	± 180 °/m
Remarks		
Pack quantity		1 pcs.

EVW010

Connecting cable with socket

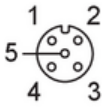
ADOGH050SCS0002T05

Electrical connection

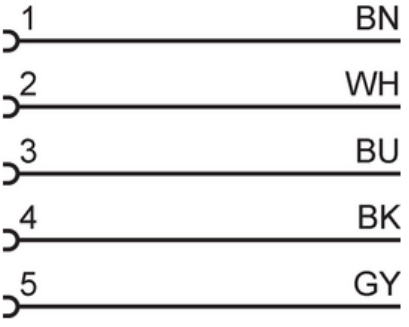
Cable: 2 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU, orange; Locking: brass, anti-spatter; Sealing: FKM; Tightening torque: 0.6...1.5 Nm

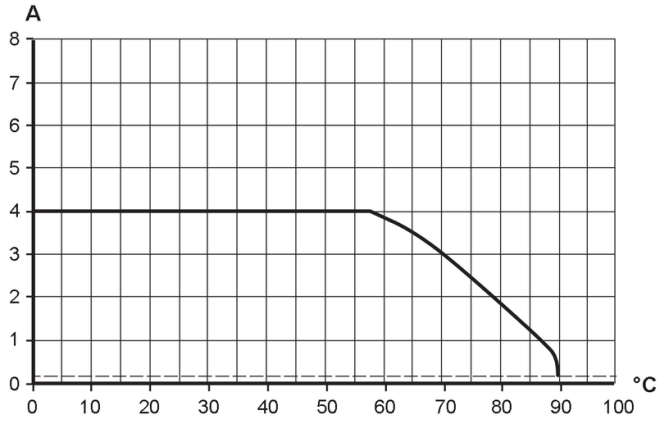


Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white

Diagrams and graphs



Derating Imax * 0.8 DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]