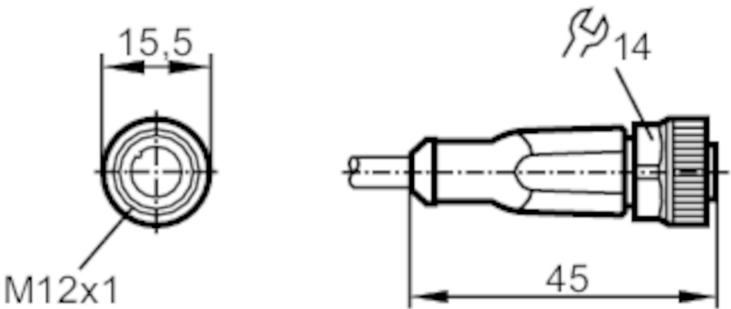


# EVW010



## Female cordset

ADOGH050SCS0002T05



Application		
System		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
Material		housing: TPU (urethane) orange; sealing: FKM

# EVW010



## Female cordset

ADOGH050SCS0002T05

Material nut	brass, weld coated	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	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 <sup>2</sup>
	Bending cycles	> 2 Mio.
	Torsional strain	± 180 °/m

### Remarks

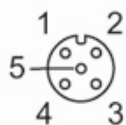
Pack quantity 1 pcs.

### 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<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Locking: brass, weld coated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection

1	BN
2	WH
3	BU
4	BK
5	GY

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

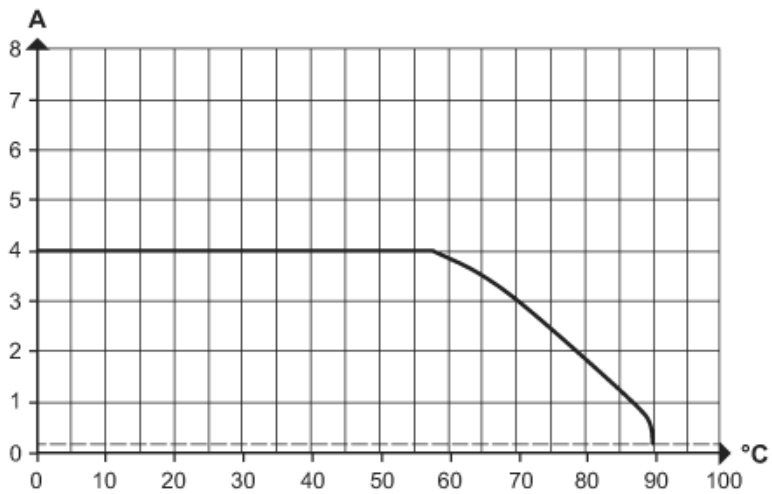
# EVW010



## Female cordset

ADOGH050SCS0002T05

### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]