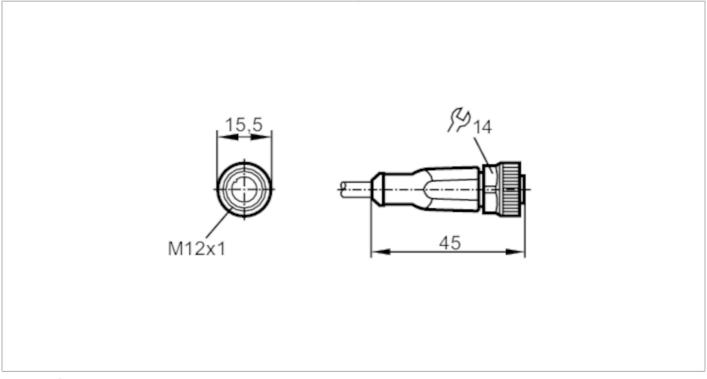
# **EVW111**

# Connecting cable with socket

ADOGH040SCS0025T04







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]	< 250 AC / < 300 DC
Protection class		II
Max. current load total	[A]	4
Operating conditions		
Ambient temperature	[°C]	-2590
Note on ambient temperature		cULus:75
Ambient temperature (moving)	[°C]	-2590
Note on ambient temperature (moving)		cULus:75
Protection		IP 65; IP 67; IP 68; IP 69K

# **EVW111**

### Connecting cable with socket





Mechanical data				
Weight	[9]	791.5		
Dimensions	[mm]	15.5 x 15.5 x 45		
Materials		housing: TPU orange; Sealing: FKM		
Material nut		brass, anti-spatter		
Drag chain suitability		yes		
		bending radius for flexible use	min. 10 x cable diameter	
Drag chain suitability		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: 25 m, PUR, Halogen-free, grey,  $\emptyset$  4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm<sup>2</sup> (42 x  $\emptyset$  0.1 mm)

## **Electrical connection - socket**

Connector: 1 x M12, straight; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



# **EVW111**

## Connecting cable with socket





#### Connection

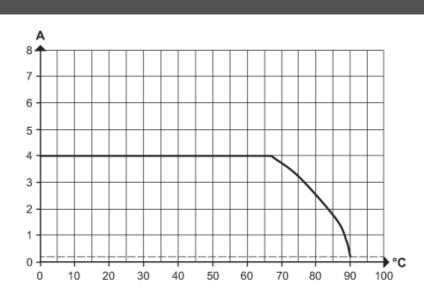
<u>_1</u>	BN
2 2	WH
$\frac{3}{3}$	BU
24	BK
_	

Core colours :

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

## Diagrams and graphs

characteristic line for derating



Derating Imax \* 0.8 (DIN EN 60512-5-2)

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