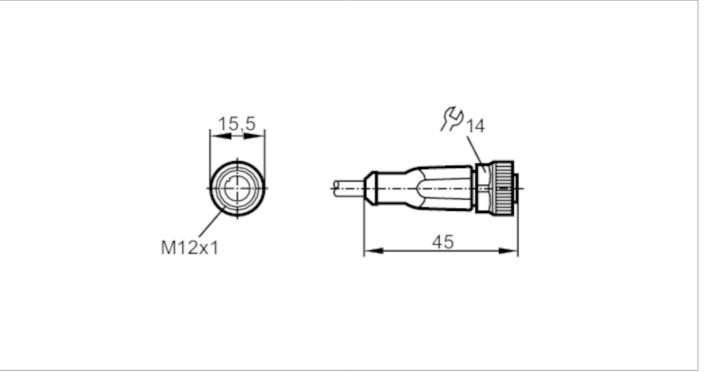
EVW012

Connecting cable with socket

ADOGH050SCS0010T05





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]	-2590
Note on ambient temperature		cULus:75
Ambient temperature (moving)	[°C]	-2590
Note on ambient temperature (moving)		cULus:75
Storage temperature	[°C]	-2555
Storage humidity	[%]	10100
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]	380.2
Dimensions	[mm]	15.5 x 15.5 x 45
Materials		housing: TPU orange; Sealing: FKM

ifm electronic gmbh • Friedrichstraße 1 • 45128 Essen — We reserve the right to make technical alterations without prior notice. — EN-GB — EVW012-00 — 13.04.2023 — 🚊

EVW012

Connecting cable with socket



ADOGH050SCS0010T05

Material nut	brass, anti-spatter yes		
Drag chain suitability			
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: 10 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm² ($42 \times Ø 0.1 \text{ mm}$)

Electrical connection - socket

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



Connection

<u>_1</u>	BN
ے 2	WH
ر ع	BU
2 24	BK
ے 2 ⁵	GY

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

EVW012

Connecting cable with socket

ADOGH050SCS0010T05

Diagrams and graphs



