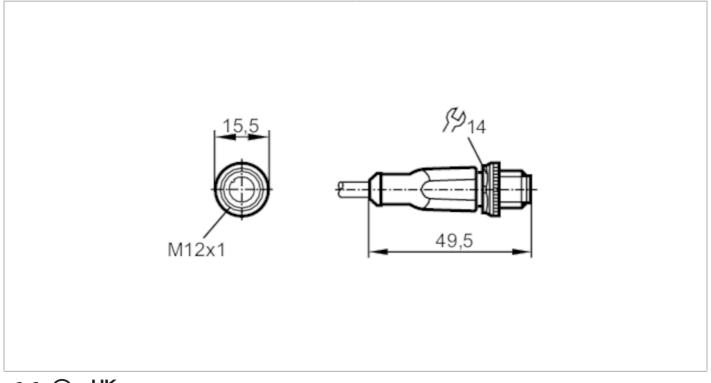
EVW018

Connecting cable with plug

ASTGH040SCS0002T04







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 °C
Ambient temperature (moving)	[°C]	-2590
Note on ambient temperature (moving)	!	cULus:75 °C
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]	82.8
Dimensions	[mm]	15.5 x 15.5 x 49.5
Materials		housing: TPU orange; Sealing: FKM

EVW018

Connecting cable with plug





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, \emptyset 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm² (42 x \emptyset 0.1 mm)

Electrical connection - plug

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



Connection

_1	BN
_2	WH
_3	BU
4	ВК

Core colours : black

 $BN = brown \\ BU = blue \\ WH = white$

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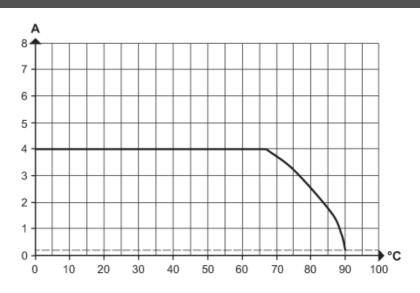
Connecting cable with plug

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Diagrams and graphs

characteristic line for derating



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

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