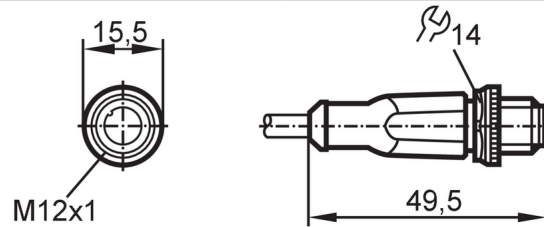


EVW020



All male cordsets

ASTGH050SCS0002T05



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
Overall current rating (UL)	[A]	3

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]	93.6
Dimensions	[mm]	15.5 x 15.5 x 49.5
Molded-body material		TPU (urethane)
Material nut		brass, weld coated
Sealing material		FKM
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 ²
	Bending cycles	> 2 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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EVW020

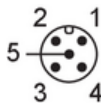


All male cordsets

ASTGH050SCS0002T05

Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



Electrical connection

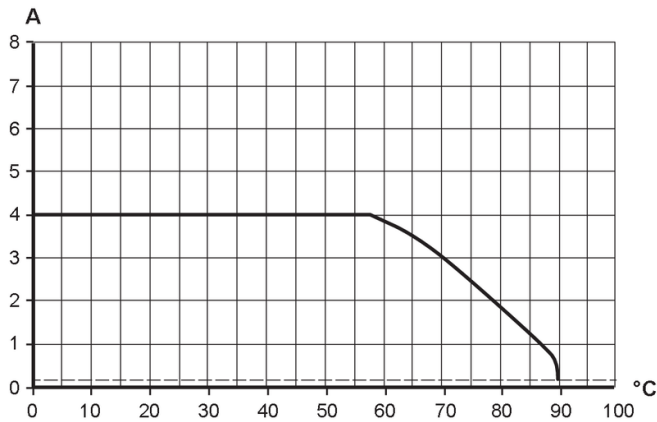
Cable: 2 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Connection

1	BN
2	WH
3	BU
4	BK
5	GY

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

Diagrams and graphs



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

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