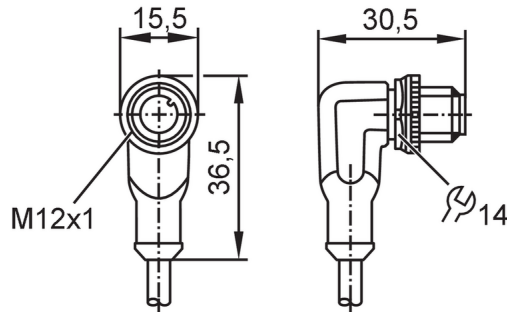


EVW019



All male cordsets

ASTAH040SCS0002T04



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]	-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]	84.8
Dimensions	[mm]	30.5 x 15.5 x 36.5
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/s²
	Bending cycles	> 2 Mio.
	Torsional strain	± 180 °/m
Remarks		
Pack quantity		1 pcs.



All male cordsets

ASTAH040SCS0002T04

Electrical connection

Cable: 2 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - plug

Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



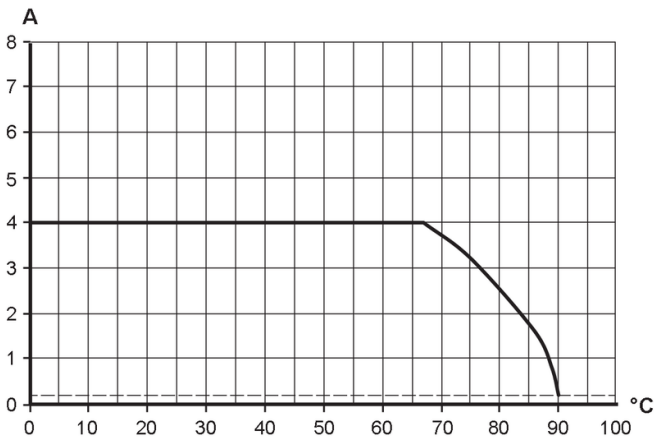
Connection

1	BN
2	WH
3	BU
4	BK

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

Diagrams and graphs

Characteristic curve for derating



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

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