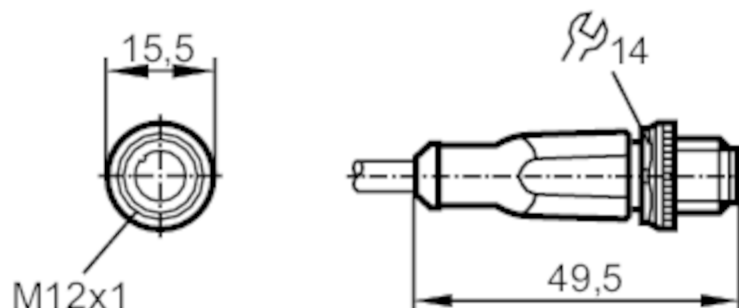


## Male cordsets

ASTGH040SCS0005T04



## Application

System	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
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75
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

# EVW159



## Male cordsets

ASTGH040SCS0005T04

Mechanical data		
Weight	[g]	177.3
Dimensions	[mm]	15.5 x 15.5 x 49.5
Material	housing: TPU (urethane) orange; sealing: FKM	
Material nut	brass, weld coated	
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 <sup>2</sup>
	Bending cycles	> 2 Mio.
	Torsional strain	± 180 °/m

Remarks	
Pack quantity	1 pcs.

Electrical connection
Cable: 5 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm )

Electrical connection - plug
------------------------------

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



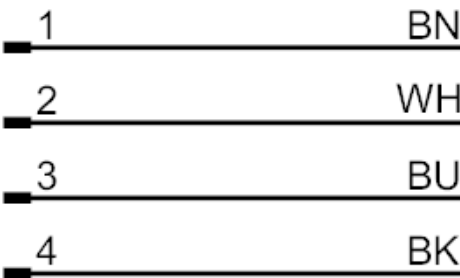
# EVW159



## Male cordsets

ASTGH040SCS0005T04

### Connection



Core colors :

BK = black

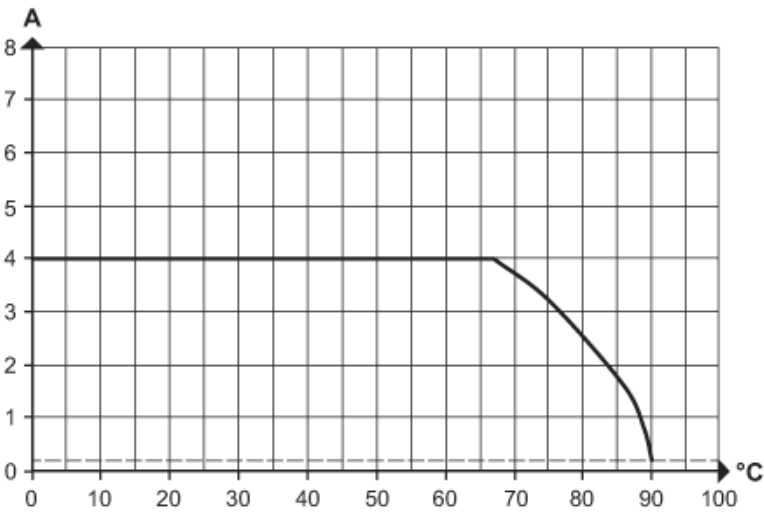
BN = brown

BU = blue

WH = white

### Diagrams and graphs

Characteristic curve for derating



Derating  $I_{max} \cdot 0.8$  (DIN EN 60512-5-2)

X Ambient temperature [°C]

Y Current [A]