EVC207

Female cordset

ADOGH040MSS05,8H04

Please see the technical note under "Downloads"
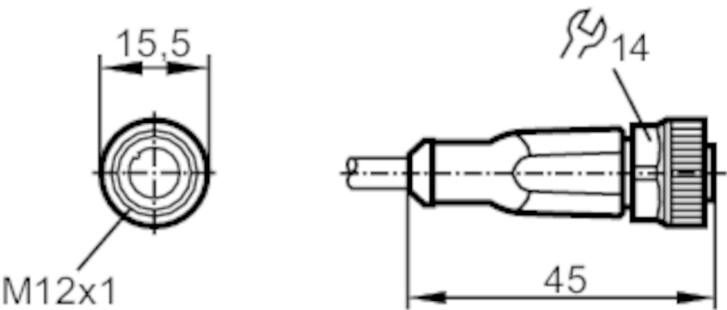
Application	
System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Free from silicone	yes
Electrical data	
Operating voltage [V]	< 250 AC / < 300 DC
Protection class	II
Max. current load total [A]	4
Operating conditions	
Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...75 °C
Ambient temperature [°C] (moving)	-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]	179.2
Dimensions [mm]	15.5 x 15.5 x 45

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Material	housing: TPU (urethane) orange; sealing: FKM
Material nut	brass, nickel-plated
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	> 5 Mio.
	Torsional strain	± 180 °/m

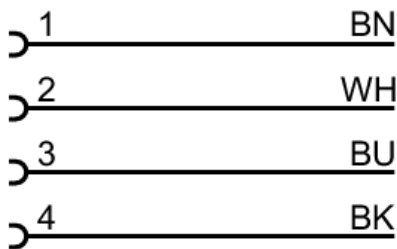| Remarks	
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

Electrical connection

Cable: 5.8 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

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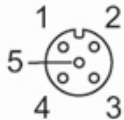
Connection

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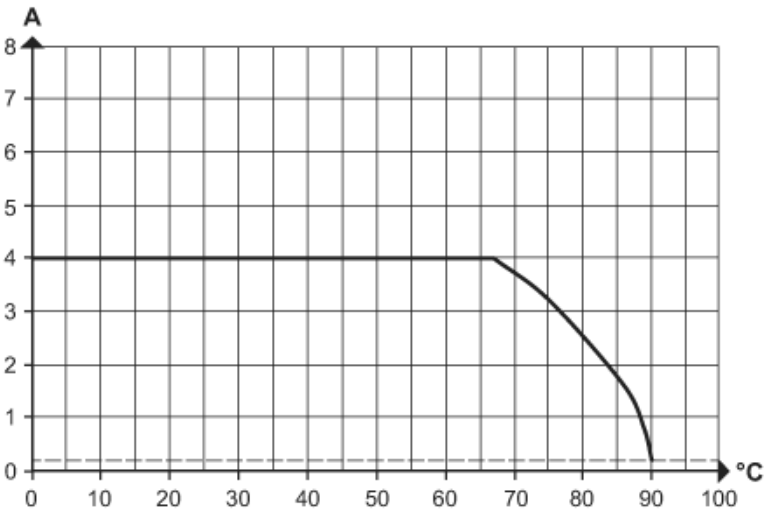BN =   brown
BU =   blue
WH =   white

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Diagrams and graphs

Characteristic curve for derating

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

X   Ambient temperature [°C]

Y   Current [A]