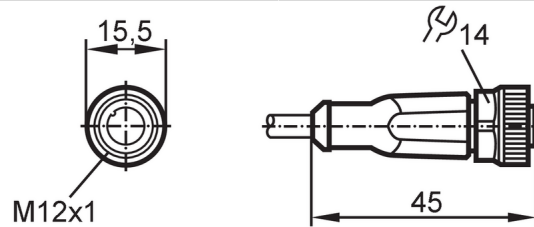


EVC490



Female cordset

ADOGH040MSS0002H04



Application

Special feature	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application	Industrial applications; Oils and coolants
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
Ambient temperature (moving)	[°C]	-25...90
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]	85
Dimensions	[mm]	15.5 x 15.5 x 45
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		Viton
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	> 5 Mio.
	Torsional strain	± 180 °/m

Remarks

Remarks	conditioning at 93°C and 90% relative air humidity for 4 weeks
	according to IEC 60079-0
	Specially designed for use with DI602A
Pack quantity	1 pcs.

EVC490



Female cordset

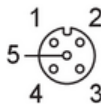
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Electrical connection

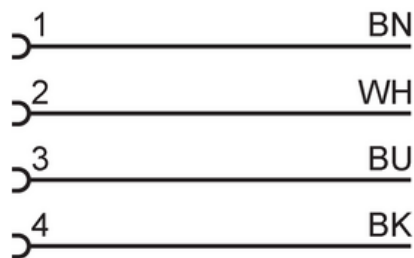
Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

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



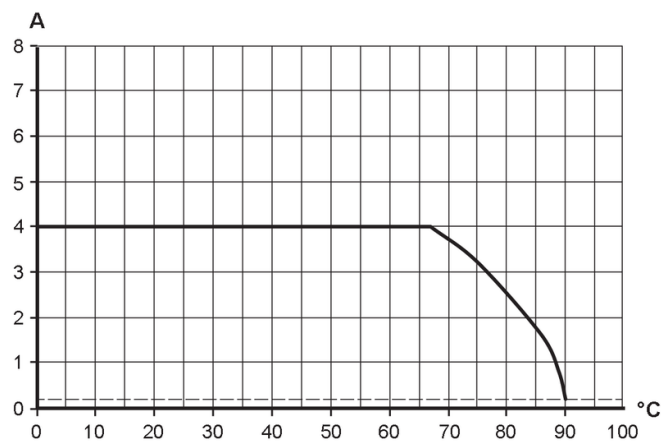
Connection



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]