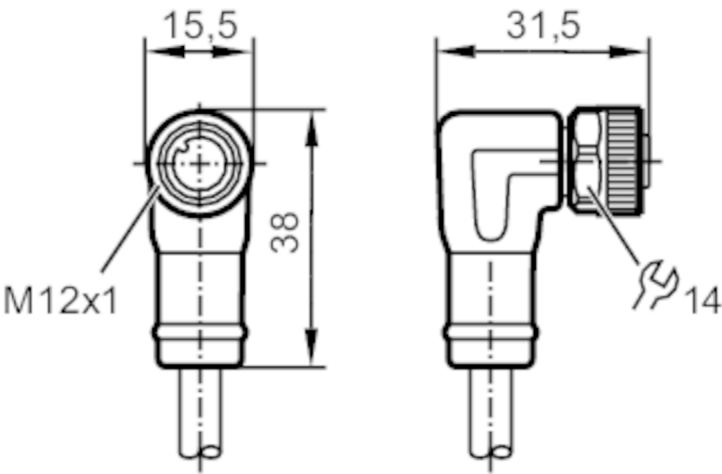


EVC714



Connecting cable with socket

ADOAH040MSP0020H04



Application		
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application		Industrial applications / factory automation; Use in machine tools, coolants and lubricants
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]	1304.5
Dimensions	[mm]	31.5 x 15.5 x 38
Moulded-body material		TPU
Material nut		brass, nickel-plated
Sealing material		FKM

EVC714



Connecting cable with socket

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Drag chain suitability	yes	
Drag chain suitability	bending radius for flexible use	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

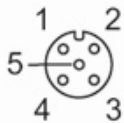
Pack quantity	1 pcs.
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Electrical connection

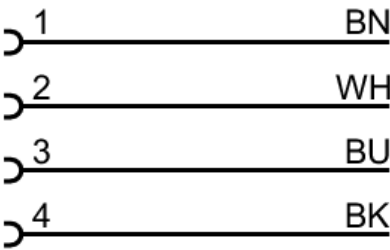
Cable: 20 m, PUR, Halogen-free, black, Ø 6.2 mm; 4 x 1.00 mm² (32 x Ø 0.2 mm)

Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Connection



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

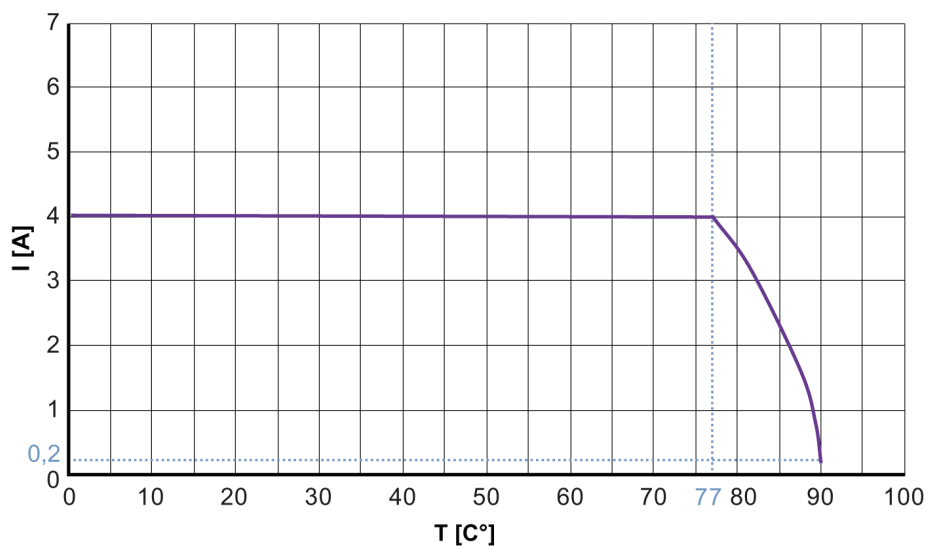


Connecting cable with socket

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Diagrams and graphs

characteristic line for derating



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

T Ambient temperature [°C]

I Current [A]