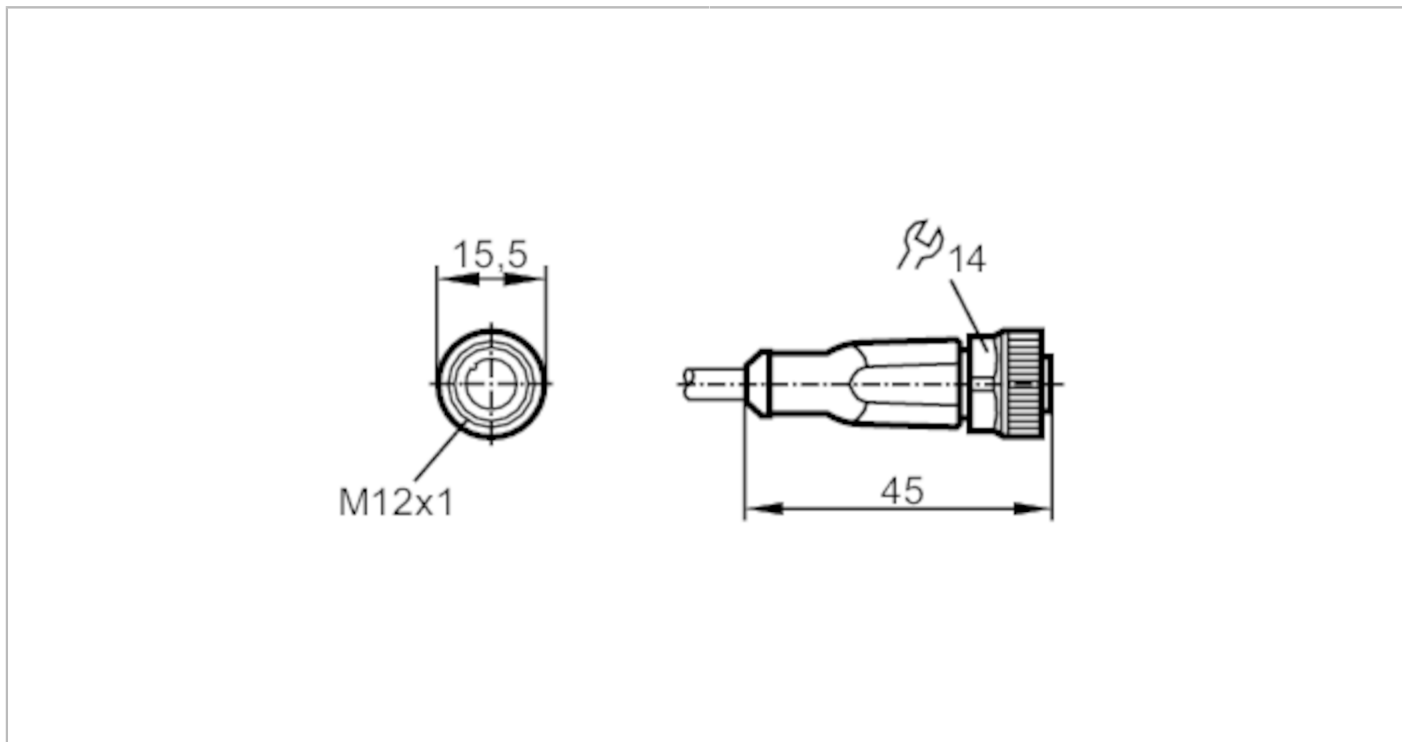


# EVC491



## Connecting cable with socket

ADOGH040MSS0005H04



Application		
Special feature	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	
Ambient temperature (moving) [°C]	-25...90	
Protection	IP 65; IP 67; IP 68; IP 69K	
Mechanical data		
Weight [g]	181.8	
Dimensions [mm]	15.5 x 15.5 x 45	
Material nut	brass, nickel-plated	
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 <sup>2</sup>
	bending cycles	> 5 Mio.
	torsional strain	± 180 °/m

# EVC491



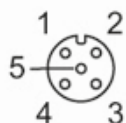
## Connecting cable with socket

ADOGH040MSS0005H04

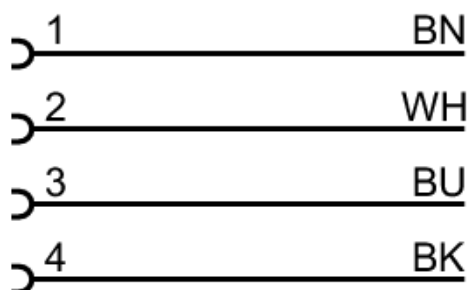
Remarks	
Remarks	conditioning at 93°C and 90% relative air humidity for 4 weeks according to IEC 60079-0
Pack quantity	Specially designed for use with DI602A 1 pcs.

**Electrical connection**  
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup>

**Electrical connection - socket**  
Connector: 1 x M12, straight; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: Viton; Contacts: gold-plated;  
Tightening torque: 0.6...1.5 Nm



## Connection



Core colours :

BK = black  
BN = brown  
BU = blue  
WH = white

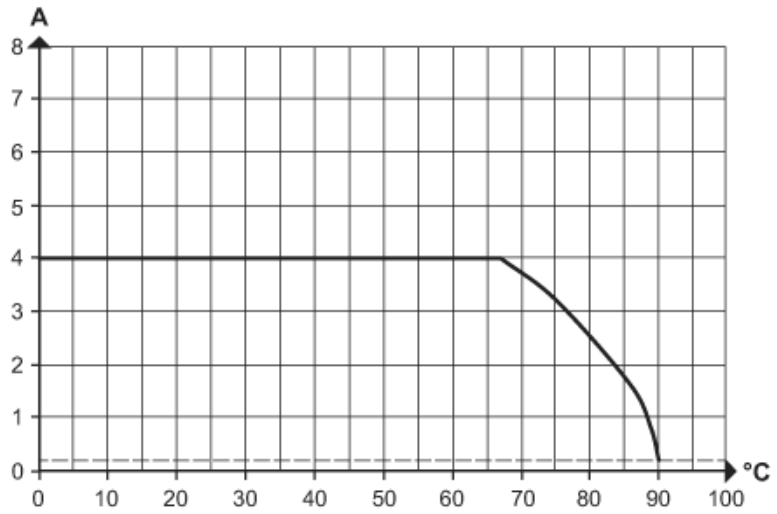


## Connecting cable with socket

ADOGH040MSS0005H04

### Diagrams and graphs

characteristic line for derating



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

X Ambient temperature [°C]

Y Current [A]