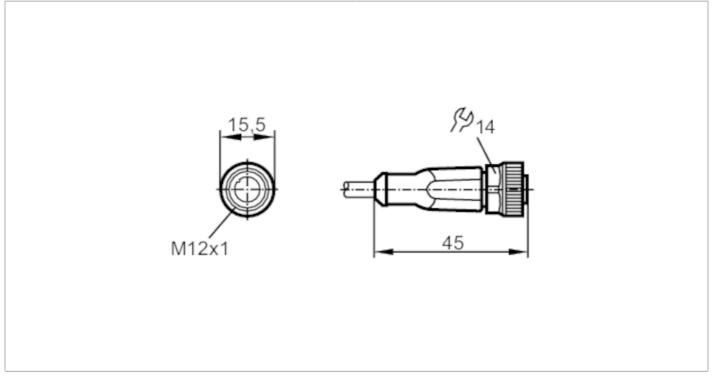
EVC491

Connecting cable with socket

ADOGH040MSS0005H04





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Free from silicone Electrical data Operating voltage [V] 250 AC / 300 DC Protection class II Max. current load total [A] A Operating conditions Ambient temperature [°C] Ambient temperature [°C] (moving) Storage temperature [°C] Storage humidity [%] Other climatic conditions for storage according to stated class Protection Mechanical data Weight [g] 181.8 Dimensions [mm] Mulded-body material Material nut Possible (V) 250. AC / 300 DC II 250. AC / 300 DC II 4 4 4 4 4 4 4 4 4 4 4 4	Application		
Electrical data Operating voltage [V] 250 AC / 300 DC Protection class II Max. current load total [A] 4 Operating conditions Ambient temperature [°C] -2590 Ambient temperature [°C] -2590 Storage temperature [°C] -2555 Storage humidity [%] 10100 Other climatic conditions for storage according to stated class Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material Material nut Material nut Discription Service Storage according to Stated Class III A 4 A 4 A 5 A 6 A 7 A 7 A 7 A 7 A 8 A 8 A 8 A 9 A 9 A 9 A 9 A 9	Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Diperating voltage V 250 AC / 300 DC	Free from silicone		yes
Protection class Max. current load total Additional section of the protection shows a second of the protection s	Electrical data		
Max. current load total [A] 4 Operating conditions Ambient temperature [°C] -2590 Ambient temperature (°C] -2590 Storage temperature (°C] -2590 Storage temperature (°C] -2555 Storage humidity [%] 10100 Other climatic conditions for storage according to stated class Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material Material nut brass, nickel-plated	Operating voltage	[V]	250 AC / 300 DC
Ambient temperature [°C] -2590 Ambient temperature [°C] -2590 Storage temperature [°C] -2555 Storage humidity [%] 10100 Other climatic conditions for storage according to stated class Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material Material nut brass, nickel-plated	Protection class		II
Ambient temperature [°C] Ambient temperature (conving) Storage temperature (°C) Storage humidity [%] Other climatic conditions for storage according to stated class Protection Mechanical data Weight [9] Dimensions [mm] Moulded-body material Material nut P(C) -2590 -2595 10100 10100 11.	Max. current load total	[A]	4
Ambient temperature (moving) Storage temperature [°C] Storage humidity [%] Other climatic conditions for storage according to stated class Protection Mechanical data Weight [g] Dimensions [mm] Moulded-body material Material nut -2590 -2690	Operating conditions		
(moving) Storage temperature [°C] Storage humidity [%] Other climatic conditions for storage according to stated class Protection Mechanical data Weight [g] Dimensions [mm] Moulded-body material Material nut Material nut -2590 -2690 -2790 -	Ambient temperature	[°C]	-2590
Storage humidity [%] Other climatic conditions for storage according to stated class Protection Mechanical data Weight [9] Dimensions [mm] Material nut 10100 1K22/ DIN 60721-3-1	Ambient temperature (moving)	[°C]	-2590
Other climatic conditions for storage according to stated class Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material TPU Material nut brass, nickel-plated	Storage temperature	[°C]	-2555
storage according to stated class Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material TPU Material nut brass, nickel-plated	Storage humidity	[%]	10100
Mechanical data Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material TPU Material nut brass, nickel-plated	Other climatic conditions for storage according to stated class		1K22/ DIN 60721-3-1
Weight [g] 181.8 Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material TPU Material nut brass, nickel-plated	Protection		IP 65; IP 67; IP 68; IP 69K
Dimensions [mm] 15.5 x 15.5 x 45 Moulded-body material TPU Material nut brass, nickel-plated	Mechanical data		
Moulded-body material Material nut TPU brass, nickel-plated	Weight	[g]	181.8
Material nut brass, nickel-plated	Dimensions	[mm]	15.5 x 15.5 x 45
and and an analysis of the second	Moulded-body material		TPU
Sealing material Viton	Material nut		brass, nickel-plated
	Sealing material		Viton
Drag chain suitability yes	Drag chain suitability		yes

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Connecting cable with socket





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	
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.

Electrical connection

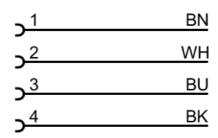
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm; 4 x 0.34 mm²

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; 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

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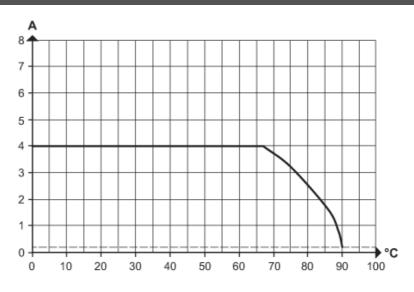
Connecting cable with socket

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Diagrams and graphs

characteristic line for derating



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

- X Ambient temperature [°C]
- Y Current [A]