

colour	pinning side A
brown	1
white	2
blue	3
black	4
grew	5

All dimensions are in mm

**Product properties**

Standard	DIN EN 61076
Product type	Sensor actuator cable
Connector type	straight plug
Shielding	360°
Number of contacts	5 male
Thread type	M12
Coding	A-standard, B
Standard cable length	0,3m - 0,5m - 1,0m - 1,5m - 2,0m - 2,5m - 3,0m - 5,0m - 10,0m

**Electrical data**

Rated current	4 A @ 40 °C
Rated voltage	60 V
Rated surge voltage	1,5 kV
Contact resistance	≤ 10 mΩ
Insulation resistance	≥ 100 MΩ
Surge voltage category	II
Degree of pollution	3

**Mechanical data**

Mating cycles	≥ 100
Tightening torque	0,4 Nm

**Environmental data**

Ambient temperature	-25 °C - +85 °C
Protection classes	IP65, IP67 (acc. to IEC 60529)

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M12

Cable assembly 5 - pole

**LM03-001-XXX-YY-05**

**Material data**

Inflammability class	HB (acc. to UL94)
Contact	Copper, Ni - Au
Outer contact	Zinc, Sn
Insulation	PA
Coupling nut	Zinc, Ni
Supporting sleeve	Brass, Sn
Sealing	VMQ
Grip body	TPU
Contact Spring	Stainless Steel, Ni



**Cable data**

Typ	LIF9Y-FCF11Y
Specification	UL 758/1581 FT2
Core	0,34 mm <sup>2</sup>
Core colours	(brown, white, blue, black, grey) twisted
Jacket	PUR, black
Other	suitable for drag chain

**Packaging**

Standard	bag
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**Coding**

	<b>LM03-001-XXX-YY-ZZ</b>	
	<b>-A0</b>	<b>-B0</b>
<b>-YY</b>		

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
F. Wein	24.11.22	F. Wein	07.03.23	200	23-0437	A. Streibl	07.03.23

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