

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	4 male
Thread type	M12
Coding	A-standard, D
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	250 V
Rated surge voltage	2,5 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

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/09;14/6.2

M12

Cable assembly 4 - pole

LM03-001-XXX-YY-04

Environmental data

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

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-C11Y
 Specification UL 758/1581 FT2
 Core 0,34 mm²
 Core colours (brown, white, blue, black) twisted
 Jacket PUR, black
 Other suitable for drag chain

Packaging

Standard bag

Coding

	LM03-001-XXX-YY-ZZ	
<i>coding</i>	-A0	-D0
-YY		

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

Rosenberger Hochfrequenztechnik GmbH & Co. KG
 P.O.Box 1260 D-84526 Tittmoning Germany
www.rosenberger.de

Tel. : +49 8684 18-0
 Email : info@rosenberger.de

Page
 2 / 2