

General Accessories

Connectors

Type CONM5...

CARLO GAVAZZI



CONM5x-Ax



CONM5x-Sx

- Straight or 90° connectors
- M8 version
- 3 wire
- DC version
- LED's in transparent housing
- IP 67
- Easy stripping-off the outer jacket
- Good resistance against chemicals

Product Description

PVC version: Connection cable for use in normal environments. Inexpensive cable ideally suited for a static and less demanding use. Suitable for medium mechanical demands like in packaging machines, assembly- and production lines. The connectors have a

good resistance against chemicals. The cables are not resistant against oil and lubricants and have a limited resistance towards abrasion. The connectors are available in 3- and 4- wire versions as well as straight or angled versions.

Ordering Key

CONM53NF-APT2P

CONM = Murr
 5 = M8 DC
 3 = 3 Wire (BN, BU, BK)
 4 = 4 wire (BN, BU, BK, WH)
 N = Not shielded
 F = Female
 M = Male
 A = Angled
 S = Straight
 P = PNP
 N = NPN
 T = Transparent housing
 2 = 2 meters
 5 = 5 meters
 10 = 10 meters
 Blank = PVC cable
 P = PUR / PVC cable

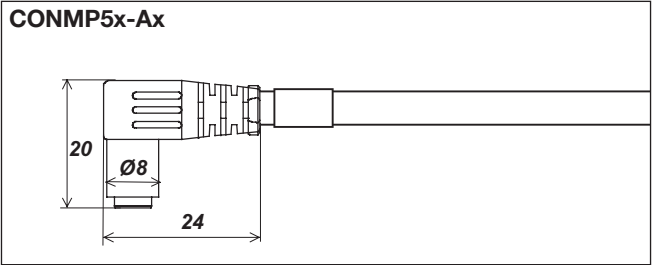
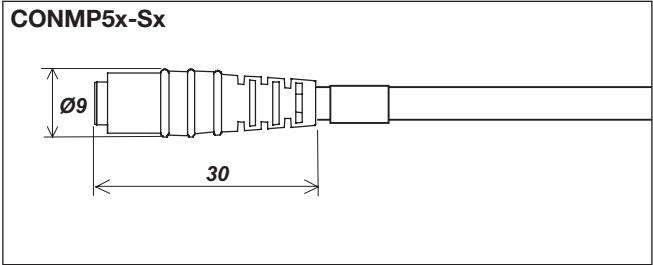
Type Selection

Plug type	Cable length	Ordering number PVC	Ordering number PVC LED NPN	Ordering number PVC LED PNP
3-Wire Angled	2 m 5 m	CONM53NF-A2 CONM53NF-A5	CONM53NF-ANT2 CONM53NF-ANT5	CONM53NF-APT2 CONM53NF-APT5
3-Wire Straight	2 m 5 m	CONM53NF-S2 CONM53NF-S5		

Specifications

Rated operating voltage (U_B) 3 or 4 wire version LED versions	60 V ac/dc 24 VDC NOM max. 30 VDC	Union Locking nut Coating Torque	Zink Die Casting Nickel plated 0,6 Nm
Output current	4 A	Connection cable Wire cross section 3- and 4- wire version	Black, PVC or PUR/PVC 0,25 mm ² (32x0.1mm)
Contact resistance	≤ 6 mΩ	Weight 2m version 5m version 10m version	approx 63 g approx 145 g approx 277 g
Contact material Coating	CuZn 0,2Ni + 0,5 Au	Polution degree	3
Pin diameter	1,02 mm	Overvoltage category	III
Contact bearer material	PUR green	Insulation group	II
Pin and key code position	IEC 61076-2-101	LED colour Power Pin 1 to 3 Output Pin 1 to 4 (NPN), Pin 4 to 3 (PNP)	Green LED Yellow LED
Temperature	-25° to +85°C		
Degree of protection	IP 67		
O-ring sealing	Viton		
Insulation test 3 or 4 wire version	1,5 kV		
Moulded body material	PUR black		

Dimensions

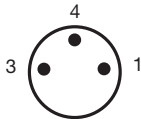


Contact layout

CONM53NF-A
CONM53NF-S

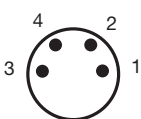
(3-wire)

Female



(4-wire)

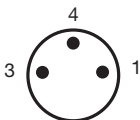
Female



CONM53-APT

(3-wire)

Female



Colour Code

- 1 Brown
- 2 White
- 3 Blue
- 4 Black

3-pole with 2 x LED (PNP)

