Specifications are subject to change without notice (19.12.05)

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General Accessories Connector Cables Type CONM1...

Straight or 90° connector

- M12 version
- 3, 4 or 5 wire
- DC version

Ordering Key

3 = 3 wire (BN, BU, BK)

T= Transparent housing

4 = 4 wire (BN, BU, BK, WH)

5 = 5 wire (BN, BU, BK, WH, GY)

CONM = Murr

N= Not shielded

1 = M12 DC

F= Female

A = Angled

S = Straight P= PNP

2 = 2 meters

5 = 5 meters

10 = 10 meters Blank = PVC cable

P = PUR/PVC cable

M= Male

N= NPN

- LED's in transparent housing
- IP 67
- Easy stripping-off the outer jacket
- Good resistance against chemicals

Product Description

PVC version:

Connection cables 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, 4 or 5 wire versions as well as straight or angled versions.

PUR/PVC version:

Connection cables for use in

robust environments.

Type Selection

Plug type	Cable length	Ordering number PVC	Ordering number PVC LED NPN	Ordering number PVC LED PNP	Ordering number PUR/PVC	Ordering number PUR/PVC LED NPN	Ordering number PUR/PVC LED PNP
3-Wire Angled	2 m 5 m 10 m	CONM13NF-A2 CONM13NF-A5 CONM13NF-A10	Conm13nF-Ant2 Conm13nF-Ant5 -	CONM13NF-APT2 CONM13NF-APT5 -	Conm13nF-A2P Conm13nF-A5P -		- Conm13nF-APT5P -
3-Wire Straight	2 m 5 m	CONM13NF-S2 CONM13NF-S5	-	-	CONM13NF-S2P CONM13NF-S5P	-	-
4-Wire Angled	2 m 5 m 10 m	CONM14NF-A2 CONM14NF-A5 CONM14NF-A10	CONM14NF-ANT2 CONM14NF-ANT5 -	CONM14NF-APT2 CONM14NF-APT5 -	CONM14NF-A2P CONM14NF-A5P -	- -	- -
4-Wire Straight	2 m 5 m 10 m	CONM14NF-S2 CONM14NF-S5 CONM14NF-S10	CONM14NF-SNT2 CONM14NF-SNT5 -	Conm14nF-SPT2 Conm14nF-SPT5 -	Conm14nF-S2P Conm14nF-S5P -	- -	- -
5-Wire Angled	2 m 5 m 10 m	Conm15nF-A2 Conm15nF-A5 Conm15nF-A10	- -	- -	- -	- -	- -
5-Wire Straight	2 m 5 m 10 m	CONM15NF-S2 CONM15NF-S5 CONM15NF-S10	- -	- -	-	- -	-



control

UV resistant.

normal environments.

Inexpensive cable for a flexible

use in several areas. Flexible

demands inside or outside;

packaging machines, assembly

lines as well as production

lines. The connectors have a

good resistance against chemi-

cals, and good resistance

against temporary contact with

oil and lubricants. they have a

very good resistance towards

abrasion. the connectors are

Connection cable for use in

The connectors are available in

3, 4 or 5 wire versions as well

as straight or angled versions.

used in handling

cable for higher

and



CONM14NF-APT2P

CARLO GAVAZZI

Specifications

Rated operating voltage (U _B) 3 or 4 wire version 5 wire version LED versions	250 V ac/dc 125 V ac/dc 24 VDC NOM max. 30 VDC
Output current	≤ 4 A
Contact resistance	≤ 6 mΩ
Contact material Coating	CuZn (brass) 0.2Ni + 0.5Au
Pin diameter	1.02 mm
Contact bearer material	PUR green
Pin and key code position	IEC 61076-2-101
Temperature	-25° to +85°C (-77° to +185°F)
Degree of protection	IP 67
O-ring sealing	Viton
Insulation test 3 or 4 wire version 5 wire version Moulded body material	2.5 kV 1.5 kV PUR/black
LED versions	Transparent pur

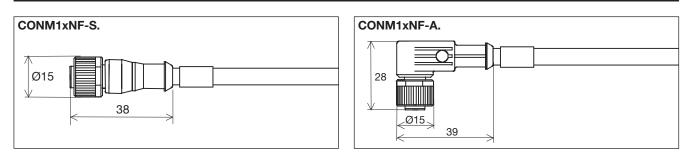
BK

WH

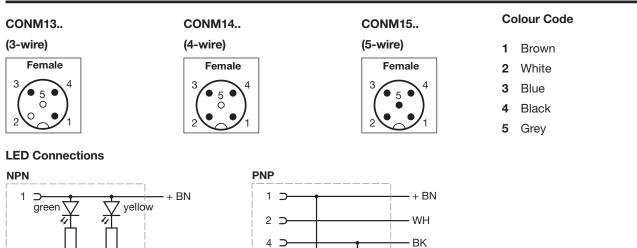
GND BL

Union Locking nut Coating Torque	Zink Die Casting Ni 4-6 ≤ 0.6 Nm
Connection cable	Black, PVC or PUR/PVC
Wire cross section	
3 or 4 wire version	0.34 mm ² (19 x 0.15 mm)
5 wire version	0.25 mm ² (32 x 0.1 mm)
Weight	
2 m version	approx 98 g
5 m version	approx 212 g
10 m version	approx 402 g
Polution degree	3
Overvoltage category	III
Insulation group	11
LED colour	
Power Pin 1 to 3 Output	Green LED
Pin 1-4(NPN),Pin 4-3(PNP)	Yellow LED

Dimensions



Contact layout



green

3⊃

yellow

GND BL

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4 ⊃

2 ⊃

3 ⊃