

Chainflex® sensor/actuator cables with 5xd
for Energy Chains®

Direct Line M12 x 1, Single end cordset

Plug-type connector
Handle base
Union nut/screw
Contact base
Contacts
Seal

Number of poles
Ampacity
Rated voltage

Number of poles
Ampacity
Rated voltage

Insulation resistance
Contact resistance

Ambient temperature of
plug-type connector

Protection class
Mechanical service life

Coupling, M12 x 1
Plastic, PP, black
Metal, CuZn, nickel-plated
Plastic, PP, black
Metal, CuZn, gold-plated
Plastic, FPM (Viton)

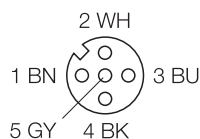
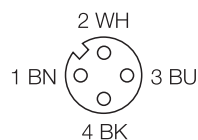
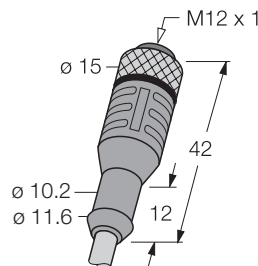
4-pole
4 A
max. 250 V

5-pole (4-pole + PE)
4 A
max. 60 V

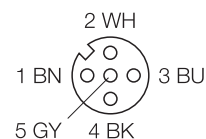
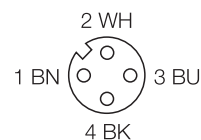
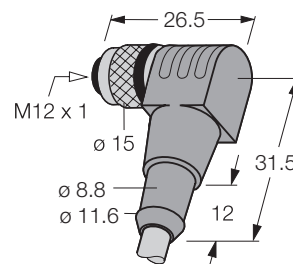
$\geq 10^9 \Omega$
 $\geq 5 \text{ m} \Omega$

-40°F to +221°F
(-40 °C to +105 °C)
IP69K, in screwed state
max. 100 insertion cycles

BG



BW



CF9-03-04-INI* (4 x 0.34)

Type

Part No.

Number
PolesCable length
ft. (m)

CF-INI-P4-M12-BG-3

MAT9043700

4

9.84 (3.0)

CF-INI-P4-M12-BG-5

MAT9043701

4

16.41 (5.0)

CF-INI-P4-M12-BG-7

MAT9043702

4

22.97 (7.0)

CF-INI-P4-M12-BG-10

MAT9043703

4

32.81 (10.0)

CF-INI-P4-M12-BG-15

MAT9049426

4

49.22 (15.0)

CF9-03-05-INI* (5 x 0.34)

CF-INI-P5-M12-BG-3

MAT9043737

5

9.84 (3.0)

CF-INI-P5-M12-BG-5

MAT9043738

5

16.41 (5.0)

CF-INI-P5-M12-BG-7

MAT9043739

5

22.97 (7.0)

CF-INI-P5-M12-BG-10

MAT9043740

5

32.81 (10.0)

CF-INI-P5-M12-BG-15

MAT90410077

5

49.22 (15.0)



CF9-03-04-INI* (4 x 0.34)

Type

Part No.

Number
PolesCable length
ft. (m)

CF-INI-P4-M12-BW-3

MAT9043704

4

9.84 (3.0)

CF-INI-P4-M12-BW-5

MAT9043705

4

16.41 (5.0)

CF-INI-P4-M12-BW-7

MAT9043706

4

22.97 (7.0)

CF-INI-P4-M12-BW-10

MAT9043707

4

32.81 (10.0)

CF-INI-P4-M12-BW-15

MAT9049430

4

49.22 (15.0)

CF9-03-05-INI* (5 x 0.34)

CF-INI-P5-M12-BW-3

MAT9043742

5

9.84 (3.0)

CF-INI-P5-M12-BW-5

MAT9043743

5

16.41 (5.0)

CF-INI-P5-M12-BW-7

MAT9043744

5

22.97 (7.0)

CF-INI-P5-M12-BW-10

MAT9043745

5

32.81 (10.0)

CF-INI-P5-M12-BW-15

MAT90410078

5

49.22 (15.0)

*Refer to the CF9 page in the Control Cable section for more cable information

