



MOTION & FLOW
CONTROL PRODUCTS, INC.

CABLES & CORDSETS

Product Guide



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Understanding M12 Connectors: A Comprehensive Guide



In the vast realm of industrial connectivity solutions, M12 connectors stand out as a ubiquitous and reliable option. Their compact design, robustness, and versatility make them a preferred choice for various applications. In this post, we delve into the intricacies of M12 connectors, highlighting their significance and typical uses.

What Are M12 Connectors?

M12 connectors are circular connectors with a 12mm locking thread diameter, hence the name. They are widely recognized for their compact size, high durability, and resistance to environmental factors such as moisture, dust, and vibrations. Originally developed for sensor/actuator connectivity in automation technology, their applications have since expanded across numerous industries, including automotive, manufacturing, and process automation.

Types and Uses of M12 Connectors

M12 connectors come in various codes, each tailored for specific applications. Here's a table listing some of the common M12 connector codes and their typical uses:

M12 Code	Typical Use
A	Actuators, Sensors, Industrial Data
B	Fieldbus Systems (e.g., Profibus)
D	Ethernet Applications 10/100Mb (4 pin)
K	Power Transmission (up to 16A@600VAC)
M	Power Transmission (up to 8A@600VAC)
L	Power Transmission (up to 63VAC/DC)
S	Power Transmission (up to 12A@600VAC)
X	Ethernet Applications 1/10Gb (8 pin)
T	Power Transmission (up to 12A@63VDC)

Note: This table provides a general overview. Always refer to manufacturer specifications for detailed information.

Advantages of M12 Connectors

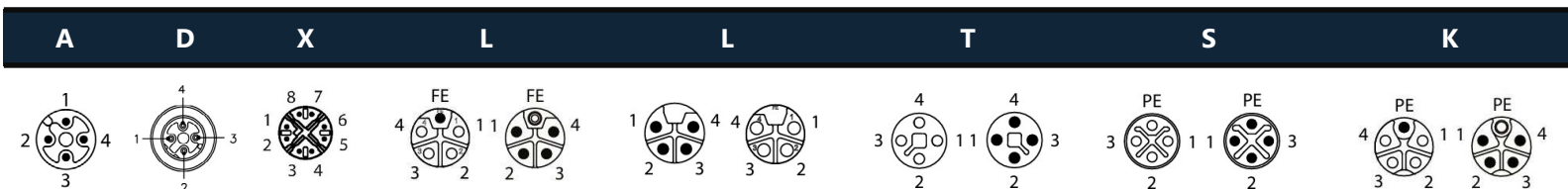
- 1. Robustness:** Built to withstand harsh industrial environments, they offer high resistance to shock, vibration, and temperature variations.
- 2. Compact Design:** Their small footprint makes them ideal for applications with space constraints.
- 3. Easy Installation:** The screw-locking mechanism ensures a secure connection, minimizing the risk of disconnection due to external factors.
- 4. Versatility:** With various codes catering to different needs, M12 connectors can address a wide range of connectivity requirements.

Conclusion

M12 connectors have undoubtedly revolutionized industrial connectivity, offering a blend of durability, versatility, and performance.

Whether you're integrating sensors in an automated assembly line or setting up a robust fieldbus system, understanding the nuances of M12 connectors can streamline your connectivity solutions. While there may be a breadth of M12 codes to choose from, when selecting a cordset the devices you are connecting will likely determine the M12 code you will need.

For specific applications or requirements, always consult with industry experts or refer to manufacturer guidelines to ensure optimal performance and compatibility.



M12 Cordset Axial Female



Product Features:

- M12, Axial Female, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 22 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection

4-Pin A-Code Straight Cordset – Flying Leads



Part Number	Short Description	ID Number
BC-M12F4-22-1	M12 Cordset M12F-FL-4P PVC Black 1M	814935
BC-M12F4-22-2	M12 Cordset M12F-FL-4P PVC Black 2M	814936
BC-M12F4-22-5	M12 Cordset M12F-FL-4P PVC Black 5M	814937
BC-M12F4-22-10	M12 Cordset M12F-FL-4P PVC Black 10M	814939

5-Pin A-Code Straight Cordset – Flying Leads



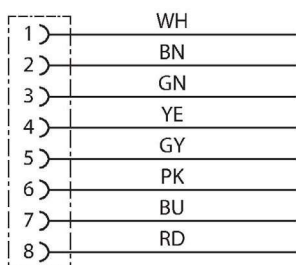
Part Number	Short Description	ID Number
BC-M12F5-22-1	M12 Cordset M12F-FL-5P PVC Black 1M	815137
BC-M12F5-22-2	M12 Cordset M12F-FL-5P PVC Black 2M	815138
BC-M12F5-22-5	M12 Cordset M12F-FL-5P PVC Black 5M	815139
BC-M12F5-22-10	M12 Cordset M12F-FL-5P PVC Black 10M	815141



Product Features:

- M12, Axial Female, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 24 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection

8-Pin A-Code Straight Cordset – Flying Leads



Part Number	Short Description	ID Number
BC-M12F8-24-2	M12 Cordset M12F-FL-8P PVC Black 2M	815166
BC-M12F8-24-5	M12 Cordset M12F-FL-8P PVC Black 5M	815167
BC-M12F8-24-10	M12 Cordset M12F-FL-8P PVC Black 10M	815168
BC-M12F8-24-20	M12 Cordset M12F-FL-8P PVC Black 20M	

M12 Cordset Axial Male



Product Features:

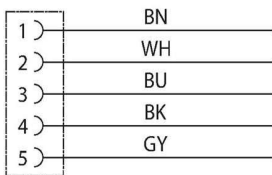
- M12, Axial Male, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 22 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection

4-Pin A-Code Straight Cordset – Flying Leads

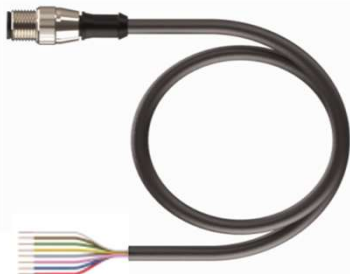


Part Number	Short Description	ID Number
BC-M12M4-22-1	M12 Cordset M12M-FL-4P PVC Black 1M	814941
BC-M12M4-22-2	M12 Cordset M12M-FL-4P PVC Black 2M	814942
BC-M12M4-22-5	M12 Cordset M12M-FL-4P PVC Black 5M	814943
BC-M12M4-22-10	M12 Cordset M12M-FL-4P PVC Black 10M	814945

5-Pin A-Code Straight Cordset – Flying Leads



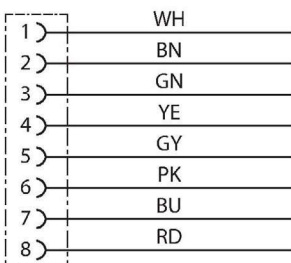
Part Number	Short Description	ID Number
BC-M12M5-22-1	M12 Cordset M12M-FL-5P PVC Black 2M	815143
BC-M12M5-22-2	M12 Cordset M12M-FL-5P PVC Black 5M	815144
BC-M12M5-22-5	M12 Cordset M12M-FL-5P PVC Black 10M	815145
BC-M12M5-22-10	M12 Cordset M12M-FL-5P PVC Black 20M	815147



Product Features:

- M12, Axial Male, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 24 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection

8-Pin A-Code Straight Cordset – Flying Leads



Part Number	Short Description	ID Number
BC-M12M8-24-2	M12 Cordset M12M-FL-8P PVC Black 2M	815170
BC-M12M8-24-5	M12 Cordset M12M-FL-8P PVC Black 5M	815171
BC-M12M8-24-10	M12 Cordset M12M-FL-8P PVC Black 10M	815172
BC-M12M8-24-20	M12 Cordset M12M-FL-8P PVC Black 20M	

M12 Cordset 90 Female



Product Features:

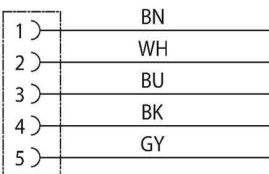
- M12, Right Angle Female, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 22 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection



4-Pin A-Code 90-Elbow Cordset – Flying Leads

Part Number	Short Description	ID Number
BC-M12F4A-22-1	M12 Cordset M12F90-FL-4P PVC Black 1M	814956
BC-M12F4A-22-2	M12 Cordset M12F90-FL-4P PVC Black 2M	814957
BC-M12F4A-22-5	M12 Cordset M12F90-FL-4P PVC Black 5M	814958
BC-M12F4A-22-10	M12 Cordset M12F90-FL-4P PVC Black 10M	814960

5-Pin A-Code 90-Elbow Cordset – Flying Leads

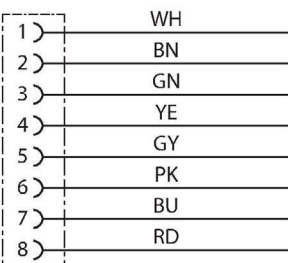


Part Number	Short Description	ID Number
BC-M12F5A-22-1	M12 Cordset M12F90-FL-5P PVC Black 1M	815153
BC-M12F5A-22-2	M12 Cordset M12F90-FL-5P PVC Black 2M	815154
BC-M12F5A-22-2	M12 Cordset M12F90-FL-5P PVC Black 5M	815155
BC-M12F5A-22-10	M12 Cordset M12F90-FL-5P PVC Black 10M	815157



Product Features:

- M12, Right Angle Female, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 24 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection



8-Pin A-Code 90-Elbow Cordset – Flying Leads

Part Number	Short Description	ID Number
BC-M12F8A-24-2-SF	M12 Cordset M12F90-FL-8P PVC Black 2M	815183
BC-M12F8A-24-5-SF	M12 Cordset M12F90-FL-8P PVC Black 5M	815184
BC-M12F8A-24-10-SF	M12 Cordset M12F90-FL-8P PVC Black 10M	815185
BC-M12F8A-24-20-SF	M12 Cordset M12F90-FL-8P PVC Black 20M	

M12 Cordset 90 Male



Product Features:

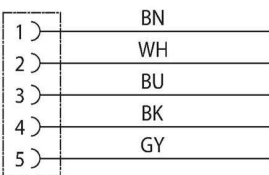
- M12, Right Angle Male, Nickel Plated Brass Body Nut
- Black General Purpose PVC Unshielded Jacket
- 4.0Amp rated, 22 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection

4-Pin A-Code 90-Elbow Cordset – Flying Leads



Part Number	Short Description	ID Number
MQDMC-406RA	M12 Cordset M12M90-FL-4P PVC Black 1.8M	70899
MQDMC-415RA	M12 Cordset M12M90-FL-4P PVC Black 4.5M	70900
MQDMC-430RA	M12 Cordset M12M90-FL-4P PVC Black 9.1M	70967
MQDMC-450RA	M12 Cordset M12M90-FL-4P PVC Black 15.M	70971

5-Pin A-Code 90-Elbow Cordset – Flying Leads



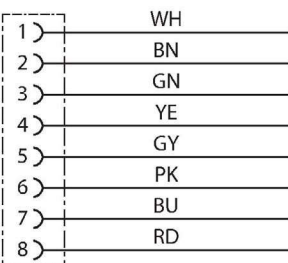
Part Number	Short Description	ID Number
BC-M12M5A-22-2	M12 Cordset M12M90-FL-5P PVC Black 2M	816083
BC-M12M5A-22-5	M12 Cordset M12M90-FL-5P PVC Black 5M	816084
BC-M12M5A-22-10	M12 Cordset M12M90-FL-5P PVC Black 10M	816085
BC-M12M5A-22-20	M12 Cordset M12M90-FL-5P PVC Black 20M	



Product Features:

- M12, Right Angle Male, Nickel Plated Brass Body Nut
- General Purpose Cable, Gray PVC Jacket, 24 AWG
- Oil Resistant, Sun Light Resistant, Flame Rating UL1061
- -40 to 105 °C
- IP67/IP68/IP69K Protection

8-Pin A-Code 90-Elbow Cordset – Flying Leads



Part Number	Short Description	ID Number
WSC 8T-2	M12 Cordset M12M90-FL-8P PVC Gray 2M	U2518-12
WSC 8T-5	M12 Cordset M12M90-FL-8P PVC Gray 5M	U-00614
WSC 8T-10	M12 Cordset M12M90-FL-8P PVC Gray 10M	U99-16716
WSC 8T-20	M12 Cordset M12M90-FL-8P PVC Gray 20M	U99-16718

M12 Extension Cable



Product Features:

- M12, Axial Male x Axial Female, NP Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 22 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP67/IP68, NEMA 1, UL Type-1 Protection

4-Pin A-Code Straight Extension Cable Axial type



Part Number	Short Description	ID Number
BC-M12F4-M12M4-22-1	M12 Extension M12F-M12M-4P PVC Black 1M	814948
BC-M12F4-M12M4-22-2	M12 Extension M12F-M12M-4P PVC Black 2M	814949
BC-M12F4-M12M4-22-5	M12 Extension M12F-M12M-4P PVC Black 5M	814952
BC-M12F4-M12M4-22-10	M12 Extension M12F-M12M-4P PVC Black 10M	814954

5-Pin A-Code Straight Extension Cable Axial Type



Part Number	Short Description	ID Number
BC-M12F5-M12M5-22-1	M12 Extension M12F-M12M-5P PVC Black 1M	815148
BC-M12F5-M12M5-22-2	M12 Extension M12F-M12M-5P PVC Black 2M	815149
BC-M12F5-M12M5-22-5	M12 Extension M12F-M12M-5P PVC Black 5M	815150
BC-M12F5-M12M5-22-10	M12 Extension M12F-M12M-5P PVC Black 10M	815152

4-Pin A-Code Male 90-Elbow x M12F Extension Cable (18awg)



Part Number	Short Description	ID Number
BC-M12F4-M12M4A-22-1	M12 Extension M12F-M12M90-4P PVC Black 1M	814967
BC-M12F4-M12M4A-22-2	M12 Extension M12F-M12M90-4P PVC Black 2M	814968
BC-M12F4-M12M4A-22-5	M12 Extension M12F-M12M90-4P PVC Black 5M	814969
BC-M12F4-M12M4A-22-10	M12 Extension M12F-M12M90-4P PVC Black 10M	814970

5-Pin A-Code Male 90-Elbow x M12F Extension Cable (18awg)

Part Number	Short Description	ID Number
BC-M12F5-M12M5A-22-1	M12 Extension M12F-M12M90-5P PVC Black 1M	816077
BC-M12F5-M12M5A-22-2	M12 Extension M12F-M12M90-5P PVC Black 2M	816078
BC-M12F5-M12M5A-22-5	M12 Extension M12F-M12M90-5P PVC Black 5M	816079
BC-M12F5-M12M5A-22-10	M12 Extension M12F-M12M90-5P PVC Black 10M	816080

* M12 8-Pin A-Code Extension cables available on request in Gray PVC type jacket, (ex RKC 8T-2-RSC 8T)

M12 18 AWG Cordsets



Product Features:

- M12, Right Angle Male, Nickle Plated Brass Body Nut
- Instrumentation Tray Cable, Black PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant, Flame Rating UL1685FT4
- -40 to 105 °C, 10mil cycle flex rating standard
- Flexlife® and C-Track Approved
- IP67/IP68/IP69K Protection

4-Pin A-Code Straight Cordset – Flying Leads (Female & Male)



Part Number	Short Description	ID Number
RKC 4.4T-2/S760/S771	M12 Cordset M12Female-FL-4P PVC Black 2M	U0919-43
RKC 4.4T-5/S760/S771	M12 Cordset M12Female-FL-4P PVC Black 5M	U-91789
RSC 4.4T-2/S760/S771	M12 Cordset M12Male-FL-4P TPU Black 2M	U0919-82
RSC 4.4T-5/S760/S771	M12 Cordset M12Male-FL-4P TPU Black 5M	U-77066

5-Pin A-Code Straight Cordset – Flying Leads (Female & Male)



Part Number	Short Description	ID Number
RKC 4.5T-2/S90/S760/S771	M12 Cordset M12Female-FL-5P PVC Black 2M	U-93602
RKC 4.5T-5/S90/S760/S771	M12 Cordset M12Female-FL-5P PVC Black 5M	100023731
RSC 4.5T-2/S90/S760/S771	M12 Cordset M12Male-FL-5P PVC Black 2M	100021227
RSC 4.5T-5/S90/S760/S771	M12 Cordset M12Male-FL-5P PVC Black 5M	UX18863

4-Pin A-Code 90-Elbow Cordset – Flying Leads (Female & Male)



Part Number	Short Description	ID Number
WKC 4.4T-2/S760/S771	M12 Cordset M12Female-FL-4P PVC Black 2M	U-90201
WKC 4.4T-5/S760/S771	M12 Cordset M12Female-FL-4P PVC Black 5M	U-91790
	M12 Cordset M12Male-FL-5P PVC Black 2M	
	M12 Cordset M12Male-FL-5P PVC Black 5M	

5-Pin A-Code 90-Elbow Cordset – Flying Leads (Female & Male)



Part Number	Short Description	ID Number
WKC 4.5T-2/S90	M12 Cordset M12Female-FL-5P TPU Gray 2M	U-64073
WKC 4.5T-5/S90	M12 Cordset M12Female-FL-5P TPU Gray 5M	U-85977
WSC 4.5T-2/S90	M12 Cordset M12Male-FL-5P TPU Gray 2M	U-60586
WSC 4.5T-5/S90	M12 Cordset M12Male-FL-5P TPU Gray 5M	U2-09749

M12 Field Wireable Connectors





Product Features:

- Cable Range: Ø4.0 - 8.0 mm (Ø0.16 - 0.31 in.)
- Conductor Range: 18-26 AWG
- Termination Type: **Slide-Lock/Screw**
- Housing Material: Plastic, Nylon
- Coupling Nut Material: Nickel Plated Zinc
- -40 to 85 °C working temp range
- IP68





4-Pin A-Code Female (Axial & 90-Elbow)



Part Number	Short Description	ID Number
BFW-M12F4-6SL	 M12 Connector M12F-Slide-Lock-4P Straight	817090
BFW-M12F4A-6SL	 M12 Connector M12F90-Slide-Lock-4P Angle	817092



4-Pin A-Code Male (Axial & 90-Elbow)



Part Number	Short Description	ID Number
BFW-M12M4-6SL	 M12 Connector M12M-Slide-Lock-4P Straight	817094
BFW-M12-M4A-6SL	 M12 Connector M12M90-Slide-Lock-4P Angle	817096



5-Pin A-Code Female (Axial & 90-Elbow)



Part Number	Short Description	ID Number
BFW-M12F5-6SL	 M12 Connector M12F-Slide-Lock-5P Straight	817091
BFW-M12F5A-6SL	 M12 Connector M12F90-Slide-Lock-5P Angle	817093

5-Pin A-Code Male (Axial & 90-Elbow)



Part Number	Short Description	ID Number
BFW-M12M5-6SL	 M12 Connector M12M-Slide-Lock-5P Straight	817095
BFW-M12M5A-6SL	 M12 Connector M12M90-Slide-Lock-5P Angle	817097

8-Pin A-Code Axial Female & Male



Part Number	Short Description	ID Number
BFW-M12F8-8x	M12 Connector M12F-Screw-8P Straight	814852
BFW-M12M8-8X	M12 Connector M12M-Screw-8P Straight	814851

M12/M8 Specialty Connectors



Product Features:

- Conductor Range: 22 AWG, 4Amp
- Termination Type: M12
- Housing Material: Plastic, Nylon
- Coupling Nut Material: Nickel Plated Brass

M12-Inline 24Vdc Resettable Fuse A-Code



Part Number	Short Description	ID Number
S15J-2.2ART-Q	M12 Connector M12F-M12M 2.2Amp Fuse	814042
S15J-3ART-Q	M12 Connector M12F-M12M 3.0Amp Fuse	813213

M12 to M8 Inline Pin Adapters A-Code



Part Number	Short Description	ID Number
S15A-M12M4M8F3	M12 Connector M12M-4P to M8F-3P Straight	814756
S15A-M12M4M8F4	M12 Connector M12M-4P to M8F-4P Straight	814758

M12 to M8 Gender Adapters A-Code



Part Number	Short Description	ID Number
S15A-M12F4M8M3	M12 Connector M12F-4P to M8M-3P Straight	814755
S15A-M12F4M8M4	M12 Connector M12F-4P to M8M-4P Straight	814757

M12 Inline Analog to PWM Output Signal Converter



Part Number	Short Description	ID Number
S15CM-PW-UQ	M12 Signal Converter 0-10Vdc Input, PWM Output	810466
S15CM-PW-IQ	M12 Signal Converter 4-20mA Input, PWM Output	810468

M12 Splitters



Part Number	Short Description	ID Number
CSB-M1240M1240	M12 Parallel Adapter, M12M4P-M12F4P-M12F4P	64206
CSB-M1250M1250A	M12 Parallel Adapter, M12M5P-M12F5P-M12F5P	812065
YBZ2-FSM 4.5/2FKM 4.5/S771	M12 Splitter Adapter, M12M5P-M12F4P-M12F4P	U0932-69
CSB-M1250M1250-T	M12 Inline Tee Adapter, M12M5P-M12F5P-M12F5P	807397
CSB-M1241M1241	M12 Splitter Cable, M12M-2xM12F-4P, Black PVC, 1ft	75273
CSB-M1251M1251	M12 Splitter Cable, M12M-2xM12F-5P, Black PVC, 1ft	10619
CSB-M1280M1280	M12 Splitter Adapter, M12M8P-M12F8P-M12F8P	75375
CSM-M1281M1281B	M12 Splitter Cable, M12M-2xM12F-8P, Black PVC, 1ft	31701

Bulkheads & Feed-Thru's






A-Code Female Front Panel Mount – PG9 Thread



Part Number	Short Description	ID Number
FK 4.4-1	M12 Bulkhead M12F-FL-4P 1.0M	U9518-0
FK4.5-1	M12 Bulkhead M12F-FL-5P 1.0M	U1114
FK 8-1	M12 Bulkhead M12F-FL-8P 1.0M	U99-17433

A-Code Male Front Panel Mount – PG9 Thread



Part Number	Short Description	ID Number
FS 4.4-1	 M12 Bulkhead M12F-FL-4P 1.0M	U9518-0
FS 4.5-1	 M12 Bulkhead M12F-FL-5P 1.0M	U1114
FS 8-1	 M12 Bulkhead M12F-FL-8P 1.0M	U99-17433

M12 Feed-Thru Devices – M12 Thread (A & D-Code)



Part Number	Short Description	ID Number
FK FS 4.5/M12	M12F-5P to M12M-5P A-Code	U1135
FS FS 4.5/M12	M12M-5P to M12M-5P A-Code	U1130-50
FKD FSD 44/M12	M12F-4P to M12M-4P D-Code	U2-19453
FKSD FKSD 44/M12	M12F-4P to M12F-4P D-Code	U2-32077

RJ45 Feed-Thru Devices – M16 Thread



Part Number	Short Description	ID Number
FKSDD RJ45SSF 44/ST	RJ45 to M12F-4P D-Code, Straight	U9518-0
FKSDD RJ45SF 44	RJ45 to M12F-4P D-Code, 90 Elbow	U2-21428

RJ45 Panel Mounted Devices



Part Number	Short Description	ID Number
RJ45 PANEL w IP67 CAP	RJ45 to RJ45, IP67, Straight	U2-22253

M12 & M8 Port Plugs



Part Number	Short Description	ID Number
VZ 3 (8/BAG)	M12 Connector M12-Plug Black Nylon	E7008
PSGM-CC (8/BAG)	M8 Connector M8-Plug Black Nylon	U6427

M12 Data Cordsets



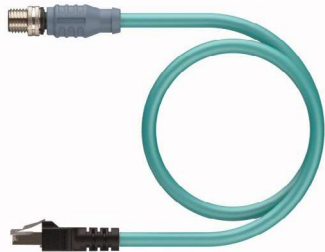
Supported Ethernet Protocols

EtherNet/IP™



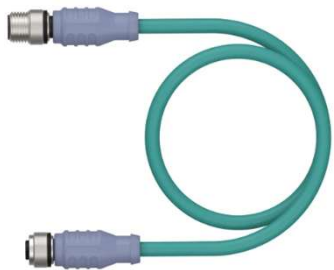
Product Features:

- M12, D-coded 4pin Axial Male, Nickel Plated Brass Body Nut
- CAT5A, TPU, Teal, Shielded, EtherNet Cable
- C-Track Cable, Teal TPE Jacket, 24 AWG Shielded Twisted Pair
- Oil Resistant, Sun Light Resistant, Flame Rating UL 1685
- -40 to 105 °C, 10mil cycle flex rating standard
- Flexlife® and C-Track Approved
- IP69/IP68/IP69/IP69K (RJ45 IP20) Protection



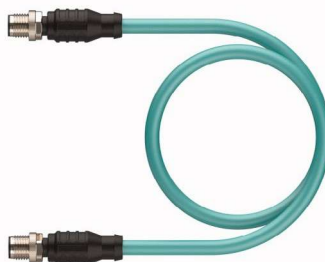
M12D-RJ45 (Programming Cables)

Part Number	Short Description
RSSD RJ45S 441-2M	M12 Cordset M12M-RJ45S-4P D Code TPE Teal, Shielded, 2M
RSSD RJ45S 441-3M	M12 Cordset M12M-RJ45S-4P D Code TPE Teal, Shielded, 3M
RSSD RJ45S 441-5M	M12 Cordset M12M-RJ45S-4P D Code TPE Teal, Shielded, 5M
RSSD RJ45S 441-10M	M12 Cordset M12M-RJ45S-4P D Code TPE Teal, Shielded, 10M



Extension Cables M12M x M12F (Axial and 90-Elbow options)

Part Number	Short Description
RSSD RKSD 441-3M	M12 Extension M12M-M12F-4P D Code TPE Teal, Shielded, 3M
RSSD RKSD 441-5M	M12 Extension M12M-M12F-4P D Code TPE Teal, Shielded, 5M
WSSD RKSD 441-3M	M12 Extension M12M90-M12F-4P D Code TPE Teal, Shielded, 3M
RSSD RSSD 441-0.5M	M12 Extension M12M-M12M-4P D Code TPE Teal, Shielded, 0.5M



M12 Gigabit Rated Cables

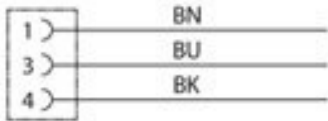
Part Number	Short Description
RSSX RSSX 860-3M	M12 Cordset M12M-M12M-8P X Code TPE Teal, Shielded, Gigabit 3M
RSSX RJ45S 860-5M	M12 Cordset M12M-RJ45S-8P X Code TPE Teal, Shielded, Gigabit 5M
RSSX RSSX 860-5M	M12 Cordset M12M-M12M-8P X Code TPE Teal, Shielded, Gigabit 5M

D-Code Field Wireable Axial Female & Male



Part Number	Short Description	ID Number
CMBD 8141-0/PG9	M12 Connector M12F-Screw Clamp-4P Straight	U2-17341
CMBSD 8141-0/PG9	M12 Connector M12M-Screw Clamp-4P Straight	U2-03887

M8 Cordsets



Product Features:

- M8, Female & Male, Nickle Plated Brass Body Nut
- Black General Purchase PVC Unshielded Jacket
- 4.0Amp rated, 24 AWG Conductors
- -40 to 70 °C, 1mil cycle flex rating standard
- IP68/NEMA 6P Protection

3 Pin Straight Female & Male Cordset – Flying Leads

Part Number	Short Description	ID Number
BC-M8F3-24-2	M8 Cordset M8F-FL-3P PVC Black 2M	813818
BC-M8M3-24-2	M8 Cordset M8M-FL-3P PVC Black 2M	813801
BC-M8F3-24-5	M8 Cordset M8F-FL-3P PVC Black 5M	813819
BC-M8M3-24-5	M8 Cordset M8M-FL-3P PVC Black 5M	813802

4 Pin Straight Female & Male Cordset – Flying Leads

Part Number	Short Description	ID Number
BC-M8F4-24-2	M8 Cordset M8F-FL-4P PVC Black 2M	813833
BC-M8M4-24-2	M8 Cordset M8M-FL-4P PVC Black 2M	813839
BC-M8F4-24-5	M8 Cordset M8F-FL-4P PVC Black 5M	813834
BC-M8M4-24-5	M8 Cordset M8M-FL-4P PVC Black 5M	813840

3 Pin 90-Elbow Female Cordset – Flying Leads*

Part Number	Short Description	ID Number
PKW 3M-2	M8 Cordset M8F-FL-3P PVC Black 2M	63979

4 Pin 90-Elbow Female Cordset – Flying Leads*

Part Number	Short Description	ID Number
PKW 4M-2	M8 Cordset M8F-FL-4P PVC Black 2M	02880

3 Pin Straight Extension Cordset

Part Number	Short Description	ID Number
BC-M8F3-M8M3-24-1	M8 Cordset M8F-M8M-3P PVC Black 1M	813806
BC-M8F3-M8M3-24-2	M8 Cordset M8F-M8M-3P PVC Black 2M	813807
BC-M8F3-M8M3-24-5	M8 Cordset M8F-M8M-3P PVC Black 5M	818808

4 Pin Straight Extension Cordset

Part Number	Short Description	ID Number
BC-M8F4-M8M4-24-1	M8 Cordset M8F-M8M-4P PVC Black 1M	813825
BC-M8F4-M8M4-24-2	M8 Cordset M8F-M8M-4P PVC Black 2M	813826
BC-M8F4-M8M4-24-5	M8 Cordset M8F-M8M-4P PVC Black 5M	813827

*MALE RIGHT ANGLE NOT AVAILABLE



M8 Field Wireable Connectors



Product Features:

- Cable Range: Ø3.5 - 5.0 mm (Ø0.13 - 0.20 in.)
- Conductor Range: 20-26 AWG
- Termination Type: **Screw Clamp**
- Housing Material: Plastic, Nylon
- Coupling Nut Material: Nickel Plated Zinc
- -40 to 85 °C working temp range
- IP67



3-Pin A-Code Female (Axial & 90-Elbow)

Part Number	Short Description	ID Number
BFW-M8F3-4X	M8 Connector M8F-Screw Clamp-3P Straight	814736
BFW-M8F3A-4X	M8 Connector M8F-Screw Clamp-3P Angle	814857



3-Pin A-Code Male (Axial & 90-Elbow)

Part Number	Short Description	ID Number
BFW-M8M3-4X	M8 Connector M8M-Screw Clamp-3P Straight	814738
BFW-M8M3A-4X	M8 Connector M8M-Screw Clamp-3P Angle	814859



4-Pin A-Code Female (Axial & 90-Elbow)

Part Number	Short Description	ID Number
BFW-M8F4-4X	M8 Connector M8F-Screw Clamp-4P Straight	814856
BFW-M8F4A-4X	M8 Connector M8F-Screw Clamp-4P Angle	814858



4-Pin A-Code Male (Axial & 90-Elbow)

Part Number	Short Description	ID Number
BFW-M8M4-4X	M8 Connector M8M-Screw Clamp-4P Straight	814855
BFW-M8M4A-4X	M8 Connector M8M-Screw Clamp-4P Angle	814860



M8-Splitter and M12 to M8 Adapter

Part Number	Short Description	ID Number
YP2-MFS 4/2MFK 3	M8 Splitter Adapter, M8M4P-M8F3P-M8F3P	U0932-33
VBRS 4.4-2SKM 3	M12 Splitter Adapter M12M-4P-M8F-3P-M8F-3P	U0117-1

DIN 43650, EN 175301-803 Connectors: An Overview for Industrial Applications



In the realm of industrial connectivity, DIN 43650, now known as EN 175301, connectors, often called valve connectors or DIN connectors, emerge as a vital component, bridging the gap between electronic devices and systems. Their standardized design, coupled with reliability, makes them indispensable across various sectors. This article delves into the features, types, and typical uses of EN 175301-803 connectors.

Understanding EN 175301-803 Connectors

EN 175301-803 connectors, as the name suggests, adhere to the EN 175301-803 standard, which specifies the design and dimensions for connectors used in solenoid valves and other electronic devices. These connectors are recognized for their robust construction, ensuring a secure and consistent connection in challenging environments.

Types of EN 175301-803 Connectors and Their Applications

EN 175301-803 connectors are available in different configurations, catering to diverse industrial requirements. Here's a table outlining some common EN 175301-803 connector types and their typical uses:

Connector Type	Typical Application
Form A	Solenoid valves, pumps
Form B	Electrical control units, switchgear
Form B (I)	An industrial version of the connector, 11 mm pin spacing
Form C	Sensors, industrial automation systems
Form C (I)	An industrial version of the connector, 9.4 mm pin spacing
Form D	Electrical connectors for printed circuit boards

Note: This table offers a general overview. Always consult manufacturer specifications for precise information.



Advantages of EN 175301-803 Connectors

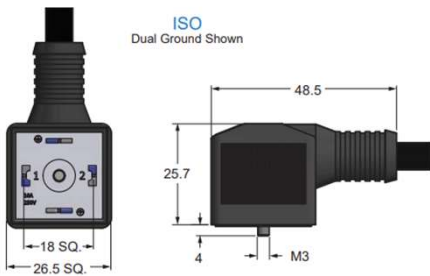
- 1. Standardized Design:** Adhering to the EN 175301-803 standard ensures compatibility and interchangeability across various devices and systems.
- 2. Robustness:** Constructed to withstand harsh industrial environments, these connectors offer resistance to moisture, dust, and mechanical stress.
- 3. Secure Connection:** The integrated locking mechanism ensures a reliable connection, minimizing the risk of disconnection due to external factors.
- 4. Versatility:** With different forms catering to specific applications, EN 175301-803 connectors provide a versatile solution for diverse industrial needs.

Conclusion

EN 175301-803 connectors play a pivotal role in modern industrial applications, offering a blend of standardization, reliability, and performance. Whether you're integrating solenoid valves in a hydraulic system or connecting sensors in an automation setup, understanding the intricacies of EN 175301-803 connectors is crucial for seamless operation.

For specific requirements or applications, always engage with industry experts or refer to manufacturer guidelines to ensure optimal compatibility and performance.

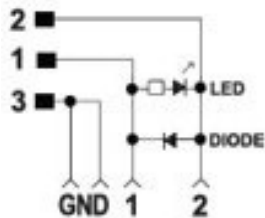
DIN Cordset Form-A (18mm)



Product Features:

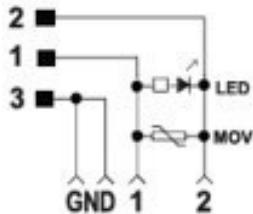
- DIN 43650-Form A, EN175301-803
- Black PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant
- Integrated Polyurethane Gasket and Retained Screw
- -25 to 80 °C
- IP67/NEMA 6 Protection

12-24VDC with Diode and LED – Flying Leads



Part Number	Short Description
5J6U4-A11-US0A	DIN Cordset, Form A-FL-DG PVC Black, 12/24V + Diode 2M
5J6X4-A11-US0A	DIN Cordset, Form A-FL-DG PVC Black, 12/24V + Diode 5M
5J6Y4-A11-US0A	DIN Cordset, Form A-FL-DG PVC Black, 12/24V + Diode 10M

120VAC with MOV and LED – Flying Leads



Part Number	Short Description
5J6U4-551-US0A	DIN Cordset, Form A-FL-DG PVC Black, 120V + MOV 2M
5J6X4-551-US0A	DIN Cordset, Form A-FL-DG PVC Black, 120V + MOV 5M
5J6Y4-551-US0A	DIN Cordset, Form A-FL-DG PVC Black, 120V + MOV 10M

Unlight with NO electronics– Flying Leads



Part Number	Short Description
5J6U4-000-US0A	DIN Cordset, Form A-FL-DG PVC Black, 2M
5J6X4-551-US0A	DIN Cordset, Form A-FL-DG PVC Black, 5M
5J6Y4-000-US0A	DIN Cordset, Form A-FL-DG PVC Black, 10M

Product Features:

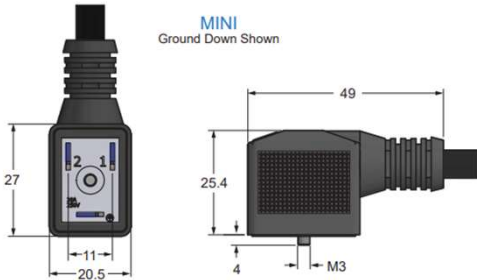
- DIN 43650-Form A, EN175301-803
- PG9 Cord Grip with Screw Clamp
- 14 AWG, 10Amp, 250VAC / 300VDC MAX
- NEMA 4/IP65 Protection

Field Wireable DIN Form A



Part Number	Short Description
5100-1080000	DIN Connector Form A Field Wirable Unlighted, Black
5100-1080001	DIN Connector Form A Field Wirable Unlighted, Gray
5103-1080000	DIN Connector Form A Field Wirable 6-48V AC/DC
5107-1080000	DIN Connector Form A Field Wirable 100-240V AC

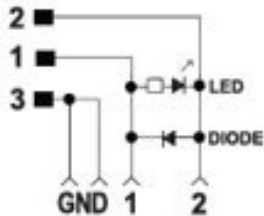
DIN Cordset Form-Bi (11mm)



Product Features:

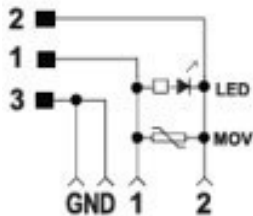
- DIN 43650-Form Bi, EN175301-803
- Black PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant
- Integrated Polyurethane Gasket and Retained Screw
- -25 to 80 °C
- IP67/NEMA 6 Protection

12-24VDC with Diode and LED – Flying Leads



Part Number	Short Description
5J5U0-251-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 12/24V + Diode 2M
5J5X0-251-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 12/24V + Diode 5M
5J5Y0-251-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 12/24V + Diode 10M

120VAC with MOV and LED – Flying Leads



Part Number	Short Description
5J5U0-551-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 120V + MOV 2M
5J5X0-551-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 120V + MOV 5M
5J5Y0-551-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 120V + MOV 10M

Unlight with NO electronics– Flying Leads



Part Number	Short Description
5J5U0-000-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 2M
5J5X0-000-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 5M
5J5Y0-000-US0A	DIN Cordset, Form Bi-FL-DG PVC Black, 10M

Product Features:

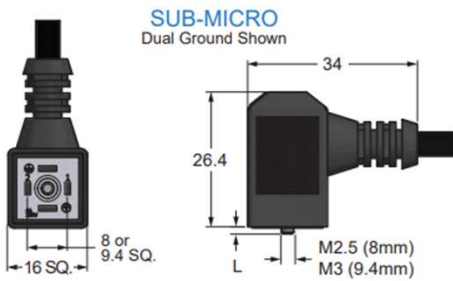
- DIN 43650-Form Bi, EN175301-803
- PG9 Cord Grip with Screw Clamp
- 14 AWG, 10Amp, 250VAC / 300VDC MAX
- NEMA 4/IP65 Protection

Field Wireable DIN Form Bi

Part Number	Short Description
5100-1010000	DIN Connector Form Bi Field Wirable Unlighted, Black
5103-1010000	DIN Connector Form Bi Field Wirable 6-48V AC/DC
5107-1010000	DIN Connector Form Bi Field Wirable 100-240V AC



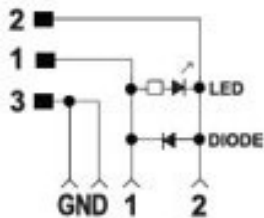
DIN Cordset Form-C (8mm)



Product Features:

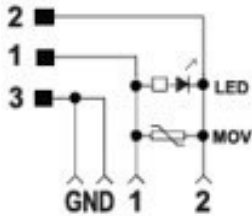
- DIN 43650-Form C, EN175301-803
- Black PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant
- Integrated Polyurethane Gasket and Retained Screw
- -25 to 80 °C
- IP67/NEMA 6 Protection

12-24VDC with Diode and LED – Flying Leads



Part Number	Short Description
5J3U4-251-US0A	DIN Cordset, Form C-FL-DG PVC Black, 12/24V + Diode 2M
5J3X4-251-US0A	DIN Cordset, Form C-FL-DG PVC Black, 12/24V + Diode 5M
5J3Y4-251-US0A	DIN Cordset, Form C-FL-DG PVC Black, 12/24V + Diode 10M

120VAC with MOV and LED – Flying Leads



Part Number	Short Description
5J3U4-551-US0A	DIN Cordset, Form C-FL-DG PVC Black, 120V + MOV 2M
5J3X4-551-US0A	DIN Cordset, Form C-FL-DG PVC Black, 120V + MOV 5M
5J3Y4-551-US0A	DIN Cordset, Form C-FL-DG PVC Black, 120V + MOV 10M

Unlight with NO electronics– Flying Leads



Part Number	Short Description
5J3U4-000-US0A	DIN Cordset, Form C-FL-DG PVC Black, 2M
5J3X4-000-US0A	DIN Cordset, Form C-FL-DG PVC Black, 5M
5J3Y4-000-US0A	DIN Cordset, Form C-FL-DG PVC Black, 10M

Product Features:

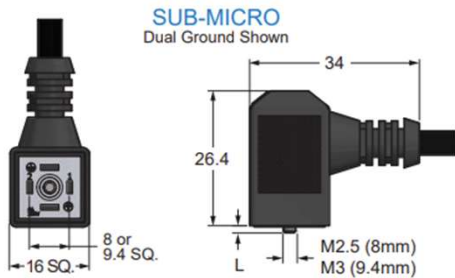
- DIN 43650-Form C, EN175301-803
- PG9 Cord Grip with Screw Clamp
- 14 AWG, 10Amp, 250VAC / 300VDC MAX
- NEMA 4/IP65 Protection

Field Wireable DIN Form C



Part Number	Short Description
5100-10900000	DIN Connector Form C Field Wirable Unlighted
5103-10900000	DIN Connector Form C Field Wirable 6-48V AC/DC
5107-10900000	DIN Connector Form C Field Wirable 100-240V AC

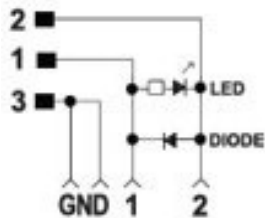
DIN Cordset Form-Ci (9.4mm)



Product Features:

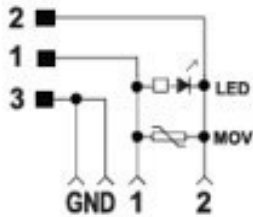
- DIN 43650-Form Ci, EN175301-803
- Black PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant
- Integrated Polyurethane Gasket and Retained Screw
- -25 to 80 °C
- IP67/NEMA 6 Protection

12-24VDC with Diode and LED – Flying Leads



Part Number	Short Description
5J4U4-251-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 12/24V + Diode 2M
5J4X4-251-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 12/24V + Diode 5M
5J4Y4-251-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 12/24V + Diode 10M

120VAC with MOV and LED – Flying Leads



Part Number	Short Description
5J4U4-551-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 120V + MOV 2M
5J4X4-551-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 120V + MOV 5M
5J4Y4-251-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 120V + MOV 10M

Unlight with NO electronics– Flying Leads



Part Number	Short Description
5J4U4-000-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 2M
5J4X4-000-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 5M
5J4Y4-251-US0A	DIN Cordset, Form Ci-FL-DG PVC Black, 10M

Product Features:

- DIN 43650-Form Ci, EN175301-803
- PG9 Cord Grip with Screw Clamp
- 14 AWG, 10Amp, 250VAC / 300VDC MAX
- NEMA 4/IP65 Protection

Field Wireable DIN Form Ci



Part Number	Short Description
5100-1080000	DIN Connector Form Ci Field Wireable Unlighted
5103-1080000	DIN Connector Form Ci Field Wireable 6-48V AC/DC
5107-1080000	DIN Connector Form Ci Field Wireable 100-240V AC

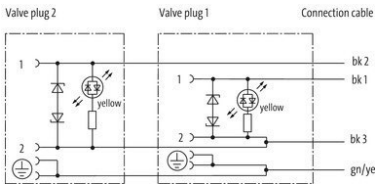
DIN Speciality



Product Features:

- Dual DIN 43650-Form A, EN175301-803
- Black PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant
- Integrated Polyurethane Gasket and Retained Screw
- -25 to 80 °C
- IP67/NEMA 6 Protection

24VDC Double DIN – Flying Leads



Part Number	Short Description	Valve Size
7000-58001-6370300	Double DIN Cordset Form A-FL- PUR 110mm Black 3M, 24VDC	D03
7000-58001-6370500	Double DIN Cordset Form A-FL- PUR 110mm Black 5M, 24VDC	D03
7000-58001-6371000	Double DIN Cordset Form A-FL- PUR 110mm Black 10M, 24VDC	D03
7000-58021-6370300	Double DIN Cordset Form A-FL- PUR 150mm Black 3M, 24VDC	D05
7000-58021-6370500	Double DIN Cordset Form A-FL- PUR 150mm Black 5M, 24VDC	D05
7000-58021-6371000	Double DIN Cordset Form A-FL- PUR 150mm Black 10M, 24VDC	D05

120VAC Double DIN – Flying Leads

Part Number	Short Description	Valve Size
7000-58005-6370500	Double DIN Cordset Form A-FL- PUR 100mm Black 5M, 120VAC	D03
7000-58005-6371000	Double DIN Cordset Form A-FL- PUR 110mm Black 10M, 120VAC	D03
7000-58025-6370500	Double DIN Cordset Form A-FL- PUR 150mm Black 5M, 120VAC	D05
7000-58025-6371000	Double DIN Cordset Form A-FL- PUR 150mm Black 10M, 120VAC	D05

* D03 = Parker D1VW, D05 = Parker D3W

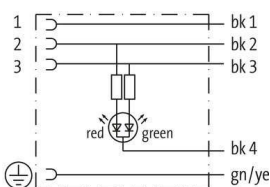
* Other colors and jacket material options available



Product Features:

- Form A 18mm, 24Vdc Red & Green LED
- Form Ci 9.4mm, No Electronics
- Black PUR Jacket, 18 AWG
- IP67 Protection

Pressure Switch DIN – Flying Leads



Part Number	Short Description
7000-18121-6380200	Form A Cordset Form A-FL PSW PUR Black 2M
7000-18121-6380500	Form A Cordset Form A-FL PSW PUR Black 5M
7000-18121-6381000	Form A Cordset Form A-FL PSW PUR Black 10M
5J464-000-US0A	Form Ci Cordset Form Ci-FL PSW PVC Black 2M

DT & DTM Style Cordsets



Product Features:

- Duetsch DT-series connectors, 13Amp rating per contact
- Instrumentation Tray Cable, Black TPE/PVC Jacket, 18 AWG
- Oil Resistant, Sun Light Resistant, Flame Rating UL1685FT4
- -40 to 105 °C, 10mil cycle flex rating standard
- IP67/IP68/IP69K Protection
- Additional length options available

Unlighted – 2P thru 12P Flying Leads (Female & Male type)



Part Number	Short Description	ID Number
DT06-2S-2125-2M	DT Cordset DT06-02-FL-2P TPE Black 2M	U-77676
DT04-2P-2125-2M	DT Cordset DT04-02-FL-2P TPE Black 5M	U-77675
DT06-4S-2146-4M	DT Cordset DT06-4S-FL-4P TPE Black 4M	UX05430
DT06-12SA-2157-2M	DT Cordset DT06-12-FL-12P TPE Black 2M	U-79577
DT04-12PA-2157-2M	DT Cordset DT04-12-FL-12P TPE Black 2M	U-79578
DTM04-3P-2303-2M	DTM Cordset DTM04-3-FL-3P TPE Black 2M	U-90215

Lighted – 2P Male ONLY, 6-24Vdc Flying Leads

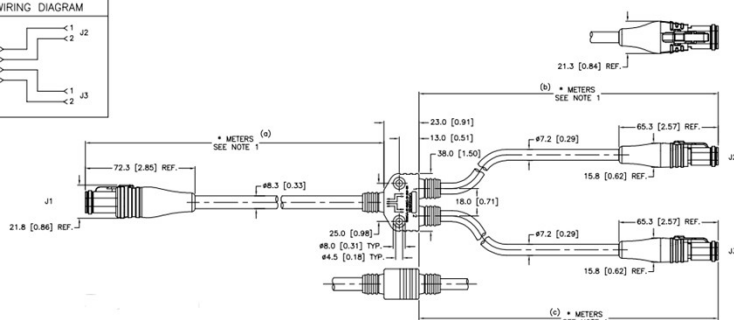
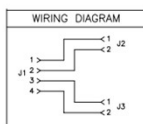


Part Number	Short Description	ID Number
GT0602-UA11-2A	DT Cordset, DT06-2S-FL-2P PUR Black Lighted+Diode 2M	n/a
GT0602-XA11-2A	DT Cordset, DT06-2S-FL-2P PUR Black Lighted+Diode 5M	n/a
GT0602-YA11-2A	DT Cordset, DT06-2S-FL-2P PUR Black Lighted+Diode 10M	n/a

Extension Cables 2P thru 12P



Part Number	Short Description	ID Number
DT06-2S-2125-2M-DT04-2P	DT Cordset DT06-DT04-2P TPE Black 2M	U2-26587
DT06-4S-2126-3M-DT04-4P	DT Cordset DT06-DT04-4P TPE Black 3M	UX10180
DT06-12SA-2157-3M-DT04-12PA	DT Cordset DT06-DT04-12P TPE Black 3M	UX12827



Y Splitter Cable 4pin – 2x2pin

Part Number	Short Description
VB2-DT06-4S-0.3/2DT06-2S-0.5/0.5/S3425	DT Cordset DT06-2DT06-4P TPE Black 0.3M,0.5M,0.5M

DT CAN Cordsets



DT06-Flying Leads



Part Number	Short Description
DT06-3S-2145-3M	DT Cordset DT06-FL-3P TPE Black 3M
DT06-3S-2145-5M	DT Cordset DT06-FL-3P TPE Black 5M

Extension Cables

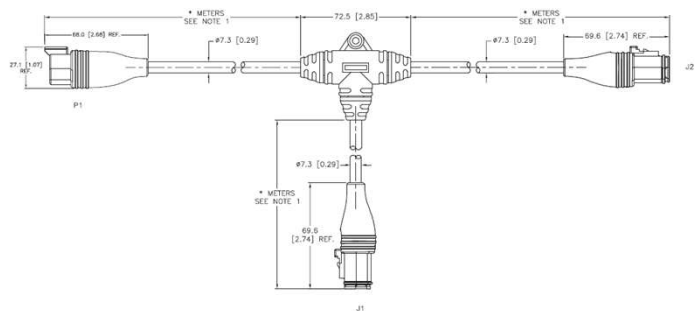
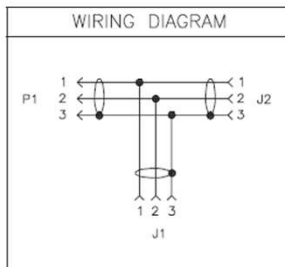


Part Number	Short Description
DT06-3S-2145-1M-DT04-3P	DT Cordset DT06-DT04-3P TPE Black 1M
DT06-3S-2145-3M-DT04-3P	DT Cordset DT06-DT04-3P TPE Black 3M
DT06-3S-2145-5M-DT04-3P	DT Cordset DT06-DT04-3P TPE Black 3M

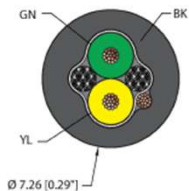
T-Branch CAN Cable Splitter & Terminating Resistor



Part Number	Short Description
DT043P-2323XL-0.5/DT063S-2323XL-0.5/0.5	DT Cordset DT04-2DT06-3P J1939 T EX60 Black 0.5M,0.5M,0.5M
DT06-3S/TR	DT Accessory DT06-RES Termination Resistor
RSE 57-TR2 M12	M12 Accessory M12M-RES Termination Resistor



CAN-J1939 Cable 2 Wire 20AWG Black EX60 Jacket



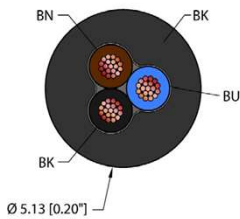
Part Number	Short Description	ID Number
BLK,EX60,2X20,S-DF,AWM,J1939-11	Cable Bulk Data- EX60 Black 2x20AWG	RF52323

Sensor Bulk Cable – PVC, Black



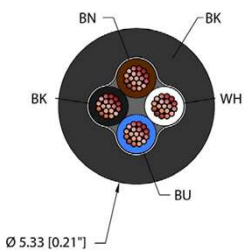
Product Features:

- Instrumentation Tray Cable
- Black PVC jacket, 22 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved



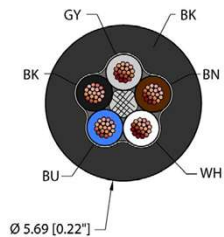
Sensor Cable, 3 Wire 22AWG Black PVC Jacket

Part Number	Short Description	ID Number
BLK,PVC,3X22,ITC	Cable Bulk ITC- PVC Black 3x22	RF52083



Sensor Cable, 4 Wire 22AWG Black PVC Jacket

Part Number	Short Description	ID Number
BLK,PVC,4X22,ITC,MSHA	Cable Bulk ITC- PVC Black 4x22AWG	RF50983

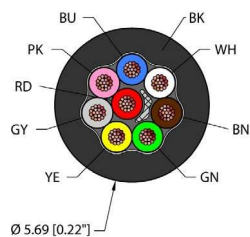


Sensor Cable, 5 Wire 22AWG Black PVC Jacket

Part Number	Short Description	ID Number
BLK,PVC,5X22,ITC,MSHA	Cable Bulk ITC- PVC Black 5x22AWG	RF50982

Product Features:

- General Purpose Cable
- Black PVC Jacket, 24 AWG
- -40 Cold Bend Rating



Sensor Cable, 8 Wire 24AWG Black PVC Jacket

Part Number	Short Description	ID Number
BLK,PVC,8X24,AWM	Cable Bulk General- PVC Black 8x24AWG	RF51317

Other Cables



VFD Cable, 4 Conductor, XLPE

Part Number	Description No. of Conductors Including Ground	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/MFT
A1061804	AWG18/04C (19/30)	10.5	0.415	108	42
A1061604	AWG16/04C (26/30)	10.8	0.425	124	54
A1061404	AWG14/04C (41/30)	11.6	0.456	154	76
A1061204	AWG12/04C (65/30)	13.0	0.51	208	118
A1061004	AWG10/04C (105/30)	16.5	0.650	320	183
A1060804	AWG8/04C (168/30)	20.6	0.81	478	279



Ethernet Cable, Teal PVC Jacket

Part Number	Short Description
A1040001	Ethernet Cable, 4x2xAWG23 CAT6 Unshielded
A1040005	Ethernet Cable, 4x2xAWG23 CAT6 Shielded

Other Cables



Multi Conductor Cable, Gray PVC Jacket

Part Number	Description of Conductors Including Ground	No.	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/MFT
AWG 20 (19/32)						
A3032002	AWG20/2C		5.0	0.195	21	7
A3032003	AWG20/3C		5.2	0.204	27	11
A3032004	AWG20/4C		5.6	0.220	33	15
A3032006	AWG20/6C		6.5	0.254	45	22
A3032008	AWG20/8C		7.2	0.282	58	30
A3032010	AWG20/10C		8.2	0.323	72	37
A3032015	AWG20/15C		9.2	0.364	99	56
A3032020	AWG20/20C		10.7	0.420	134	75
A3032025	AWG20/25C		11.7	0.461	163	94
AWG 18 (19/32)						
A3031802	AWG18/2C		5.4	0.213	27	12
A3031803	AWG18/3C		5.7	0.223	35	18
A3031804	AWG18/4C		6.1	0.242	43	24
A3031806	AWG18/6C		7.4	0.291	63	36
A3031808	AWG18/8C		7.9	0.312	79	49
A3031810	AWG18/10C		9.1	0.359	97	61
A3031815	AWG18/15C		10.8	0.427	145	91
A3031820	AWG18/20C		11.9	0.468	185	121
A3031825	AWG18/25C		13.1	0.515	226	152
AWG 16 (19/32)						
A3031602	AWG16/2C		6.5	0.257	36	16
A3031603	AWG16/3C		6.9	0.271	48	24
A3031604	AWG16/4C		7.7	0.304	62	32
A3031606	AWG16/6C		9.1	0.357	89	49
A3031608	AWG16/8C		10.3	0.407	119	65
A3031610	AWG16/10C		11.9	0.469	149	81
A3031615	AWG16/15C		13.5	0.532	207	122
A3031620	AWG16/20C		14.9	0.587	264	163
A3031625	AWG16/25C		17.0	0.669	336	204

Color Code Table AWG 20, 18 & 16

1-	BK	13-	RD/GN
2-	RD	14-	RD/YE
3-	WH	15-	RD/BK
4-	GN	16-	WH/BK
5-	OG	17-	WH/RD
6-	BU	18-	WH/GN
7-	BN	19-	WH/YE
8-	YE	20-	WH/BU
9-	VT	21-	WH/BN
10-	GY	22-	WH/OG
11-	PK	23-	WH/GY
12-	TN	24-	WH/VT
		25-	WH/BK/RD

Cable Entry



Bolt Mounted Design (For all Enclosures)



Part Number	Number of Entry Points	Dimensions WxHxD mm	Cutout WxH mm	Number of Cables x Cable OD - Ø mm
606550	12	148.0x60.0x13.5	112x36	12x5.0-13.0
606551	23	148.0x60.0x13.5	112x36	23x4.0-8.5
				16x3.0-6.5
606554	22	148.0x60.0x13.5	112x36	4x5.0-9.2
				2x8.0-12.5

Snap-In Design (For Enclosures with 1.5mm wall thickness)

Part Number	Number of Entry Points	Dimensions WxHxD mm	Cutout WxH mm	Number of Cables x Cable OD - Ø mm
606561	12	148.0x60.0x13.5	112x36	12x5.0-13.0
606562	23	148.0x60.0x13.5	112x36	23x4.0-8.5




Cablefix One Kits (Include frame, hardware, and seals)



Part Number	Frame Type	Dimensions WxHxD mm	Cutout WxH mm	Number of Cables x Cable OD - Ø mm
606500	4	156.5x75.2x27.5	112x46	2x5.0-15.0 2x15.0-29.0
606501	7	156.5x75.2x27.5	112x46	6x5.0-15.0 1x15.0-29.0
606502	10	156.5x75.2x27.5	112x46	10x5.0-15.0

Cord Grips/Cable Glands



Part Number	Short Description
CG025N-200-B	Cable Gland, 1/4NPT, 0.08-0.20in, Black
CG038N-300-B	 Cable Gland, 3/8NPT, 0.16-0.31in, Black
CG050N-470-B	Cable Gland, 1/2NPT, 0.24-0.47in, Black
CG050N-550-B	 Cable Gland, 1/2NPT, 0.39-0.55in, Black
CG075N-710-B	 Cable Gland, 3/4NPT, 0.51-0.71in, Black
CG100N-910-B	Cable Gland, 1.0NPT, 0.71-0.98in, Black
CGN025NB	Cable Gland, 1/4NPT, Nut, Black
CGN038NB	Cable Gland, 3/8NPT, Nut, Black
CGN050NB	Cable Gland, 1/2NPT, Nut, Black
CGN075NB	Cable Gland, 3/4NPT, Nut, Black
CGN100NB	Cable Gland, 1.0NPT, Nut, Black

* Additional Cord Grips materials and sizes and modular cable entry plates additionally available



Quickstrip Vario, wire stripper, integrated wire cutter, 32 – 6AWG

Part Number	Short Description
206-1125	Quickstrip Vario, wire stripper, integrated wire cutter, 32 – 6AWG



Cable Knife, 0.31"-1.1"

Part Number	Short Description
206-1403	Cable Knife, 0.31"-1.1"



Cable stripper, universal 0.31"-0.51"

Part Number	Short Description
206-1442	Cable stripper, universal 0.31"-0.51"



Cable cutter Cu and Al wires up to 2 AWG

Part Number	Short Description
206-118	Cable cutter Cu and Al wires up to 2 AWG



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