



SOMAT[®]XR

Accessories

Including

- Power supply accessories
- Mechanical and packaging accessories
- System and sensor cables and connectors

For use with

SomatXR Ultra-Rugged DAQ

SomatXR Features

- Rugged, mobile data acquisition in a flexible, modular system
- Waterproof, dustproof, shockproof, vibrationproof
- Ultra-rugged: IP65/IP67, MIL202
- Wide thermal range: -40 to 80 °C
- Secure and efficient storage of measurement data
- Accesible from anywhere through the CX23-R web interface



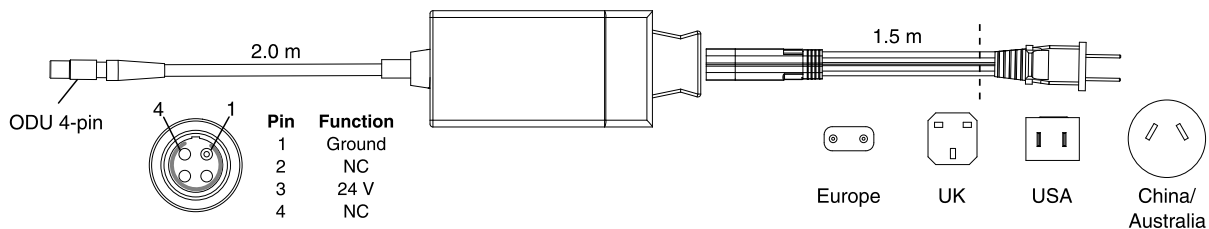
NOTE

All pin diagrams are shown from the pin side of the connector.

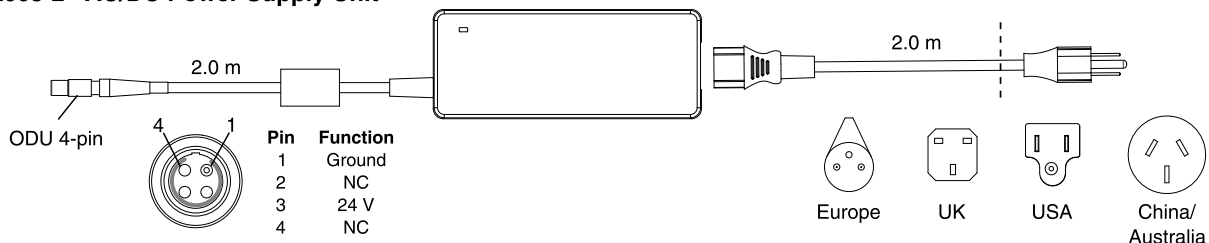
Power Supply Accessories

Order No.	Item	Description
1-NTX002	AC/DC power supply unit	Input: 100-240 V _{AC} (±10%) 1.5 m cable with international plug set Output: 24 V _{DC} , max. 1.25 A 2 m cable with SomatXR power connector (1-CON-P1001) for MX modules only
1-NTX003-2	AC/DC power supply unit	Input: 100-240 V _{AC} (±10%), earth ground and DC isolated 2 m cable with international plug set Output: 24 V _{DC} , max. 5 A 2 m cable with SomatXR power connector (1-CON-P1001) for CX23-R, EX23-R and MX modules
1-KAB294-5	Power supply cable (5 m)	Power supply cable (ODU 4-pin to exposed wires) for MX modules only
1-KAB2115-2	Power supply cable (low loss) (2 m)	Low-loss power supply cable (ODU 4-pin to exposed wires) for CX23-R, EX23-R and MX modules
1-KAB2110-0.4 1-KAB2110-2	Power supply cable (0.4 or 2 m)	Power pass-through cable (ODU 4-pin to ODU 4-pin) for connection from CX23-R to MX module
1-CON-P1001	Power supply connector	ODU-IP68, 4-pin plug for SomatXR modules

1-NTX002 AC/DC Power Supply Unit

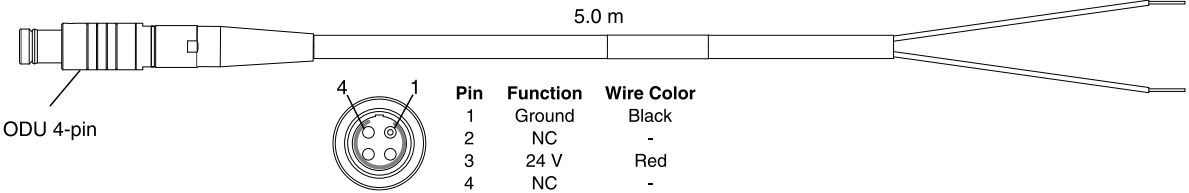


1-NTX003-2 AC/DC Power Supply Unit

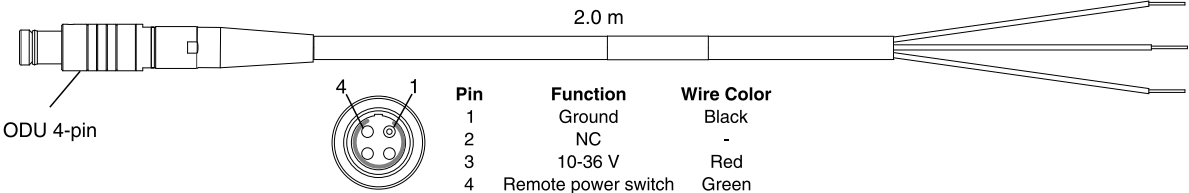


Power Supply Accessories (Continued)

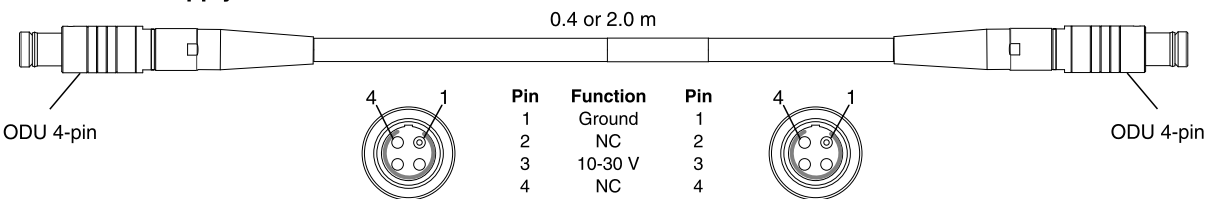
1-KAB294-5 Power Supply Cable



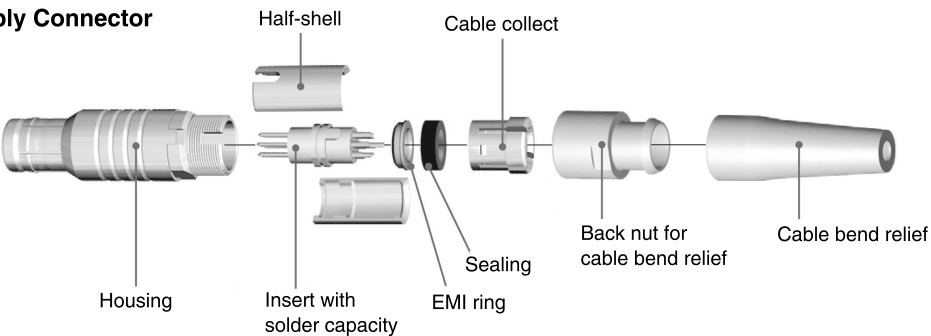
1-KAB2115-2 Power Supply Cable (low loss)



1-KAB2110 Power Supply Cable

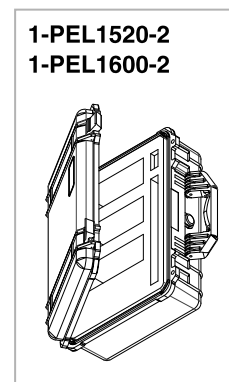
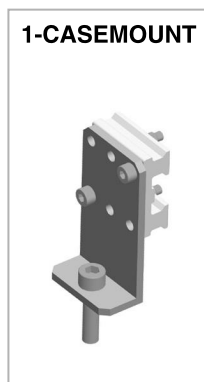
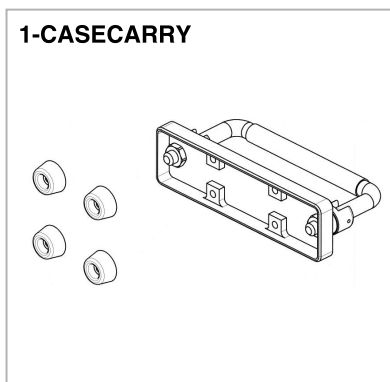
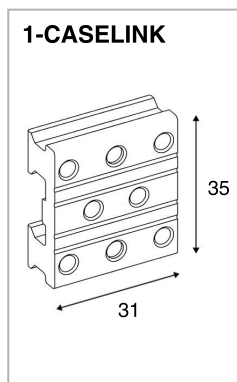


1-CON-P1001 Power Supply Connector



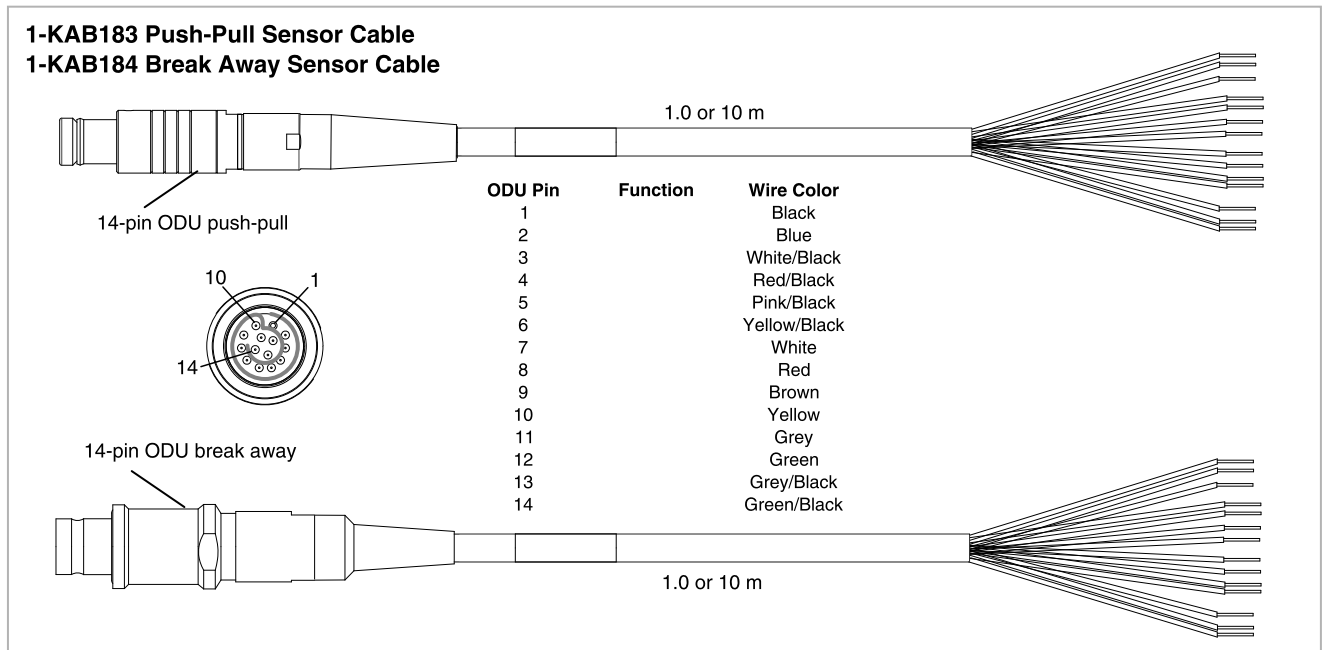
Mechanical and Packaging Accessories

Order No.	Item	Description
1-CASELINK	Installation parts	Four (4) elements for mechanical connection
1-CASECARRY	Carrying handle	Hinged carrying handle and four (4) screw feet
1-CASEMOUNT	Mounting brackets	Two (2) fixing brackets to ground plate includes 1-CASELINK
1-CON-A2013	Sensor protective caps	Four (4) protective caps for 14-pin ODU sensor connectors
1-CON-A2014	System protective caps	Two (2) protective caps for ODU system connectors (power input, FireWire, Ethernet)
1-PEL1520-2	Small Pelican case	Protective case for three (3) SomatXR modules and accessories
1-PEL1600-2	Large Pelican case	Protective case for six (6) SomatXR modules and accessories



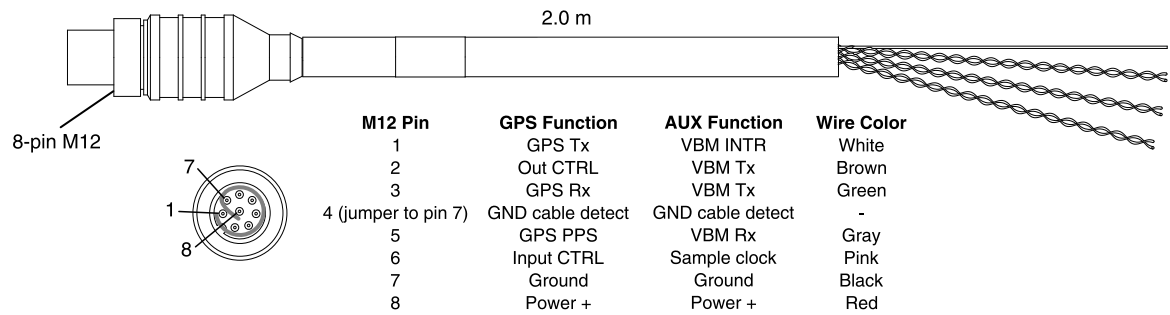
Sensor Cables and Connectors

Order No.	Item	Description
1-KAB183-1 1-KAB183-10	Push-pull sensor cable (1 or 10 m)	Sensor cable with push-pull plug (14-pin ODU to exposed wires)
1-KAB184-1 1-KAB184-10	Break away sensor cable (1 or 10 m)	Sensor cable with break away plug (14-pin ODU to exposed wires)
1-KAB2108-2	GPS/AUX cable (2 m)	GPS/AUX cable (8-pin M12 to exposed wires)
1-KAB2109-2	CAN cable (2 m)	CAN cable (5-pin M12 to exposed wires)
1-KAB2117-0.3	Full-bridge adapter (0.3 m)	Full-bridge adapter (14-pin ODU to 6-pin M8)
1-KAB2118-0.3	Quarter-bridge adapter (0.3 m)	Quarter-bridge adapter (14-pin ODU to 6-pin M8)
1-KAB2119-0.3	Voltage adapter (0.3 m)	Voltage adapter (14-pin ODU to 6-pin M8)
1-KAB2101-2	Digital I/O cable (2 m)	DIO sensor cable (12-pin M12 to exposed wires)
1-KAB2102-1	GPS/AUX adapter (1 m)	GPS/AUX adapter (8-pin M12 to 6-pin M8)
1-KAB2104-1	CAN adapter (1 m)	CAN adapter (5-pin M12 to 6-pin M8)
1-CON-P1007	Sensor connector	ODU 14-pin push-pull plug
1-CON-P1016	Sensor connector	ODU 14-pin break-away plug
1-THERMO-MINI	Thermocouple connector	Ten (10) thermocouple (type K) plugs with RFID chips
1-TEDS-PAK	TEDS chip	Ten (10) units 1-wire EEPROM DS24B33 (IEEE 1451.4 TEDS)
1-EGPS-5HZ-2	GPS receiver	5 Hz GPS receiver

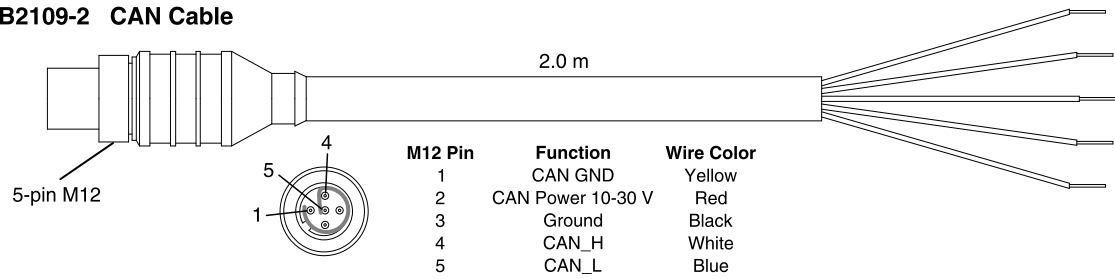


Sensor Cables and Connectors (Continued)

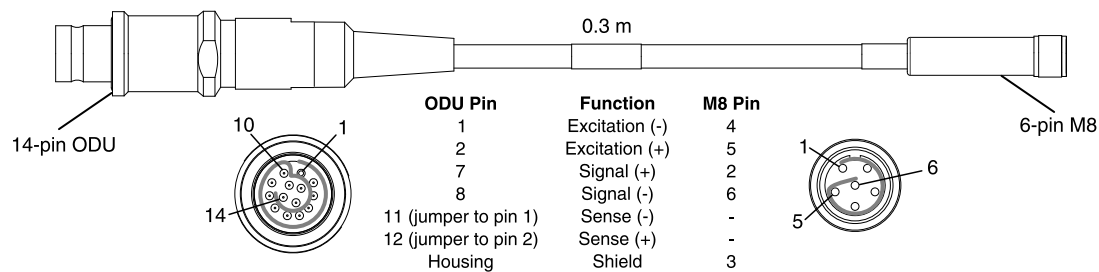
1-KAB2108-2 GPS/AUX Cable



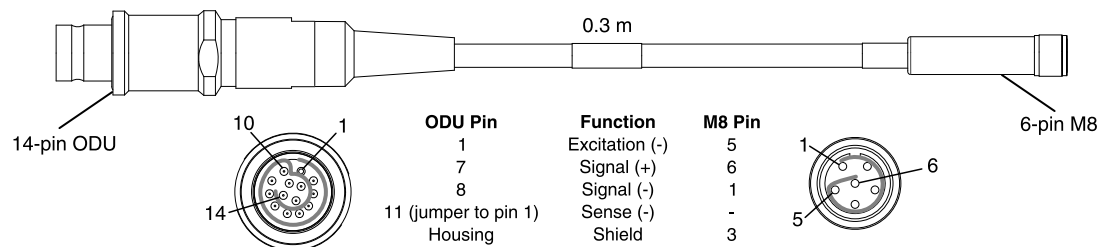
1-KAB2109-2 CAN Cable



1-KAB2117-0.3 Full-Bridge Adapter

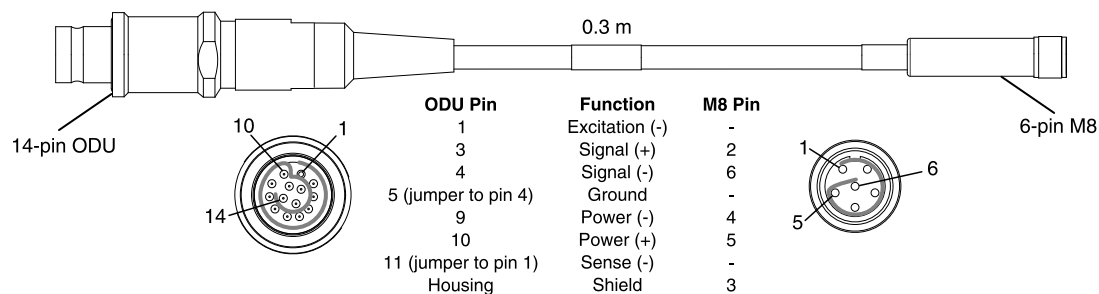


1-KAB2118-0.3 Quarter-Bridge Adapter

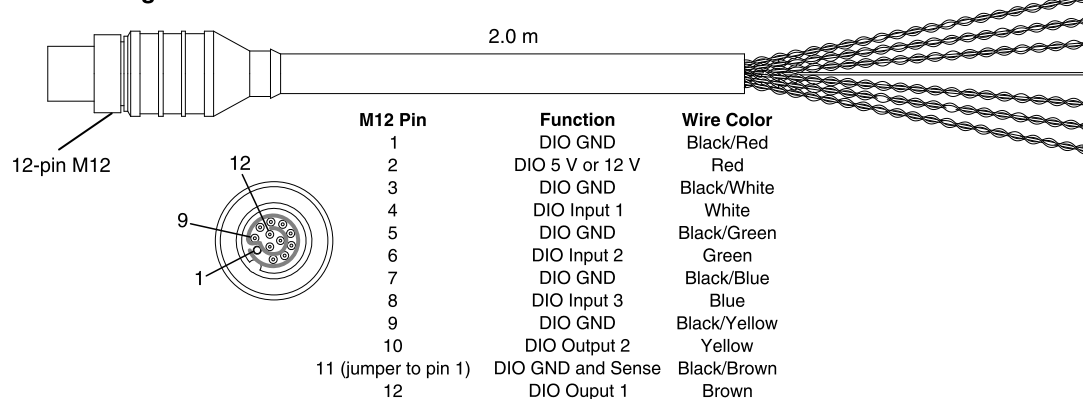


Sensor Cables and Connectors (Continued)

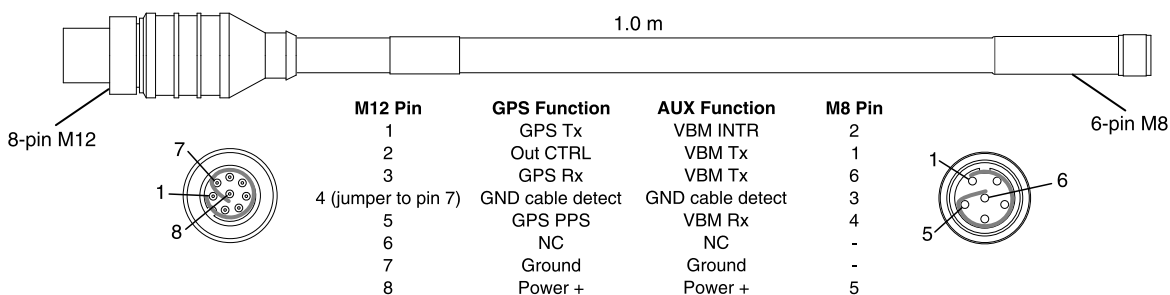
1-KAB2119-0.3 Voltage Adapter



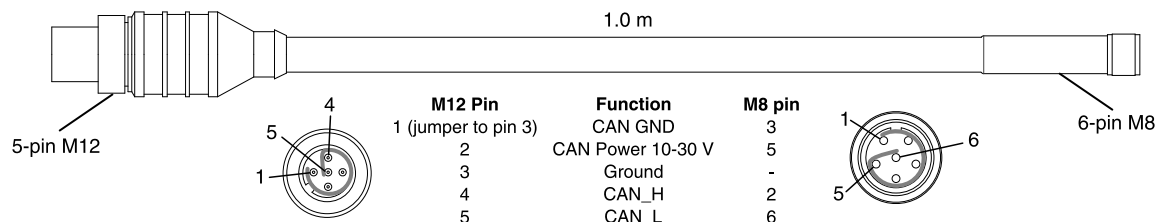
1-KAB2101-02 Digital I/O Cable



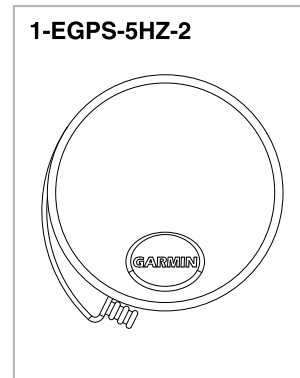
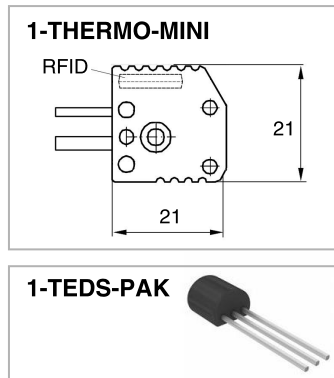
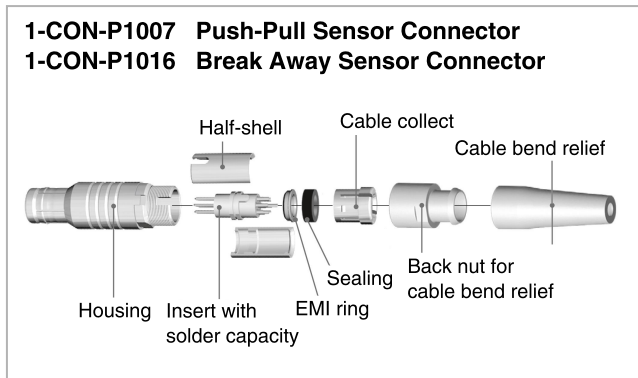
1-KAB2102-1 GPS/AUX Adapter



1-KAB2104-1 CAN Adapter

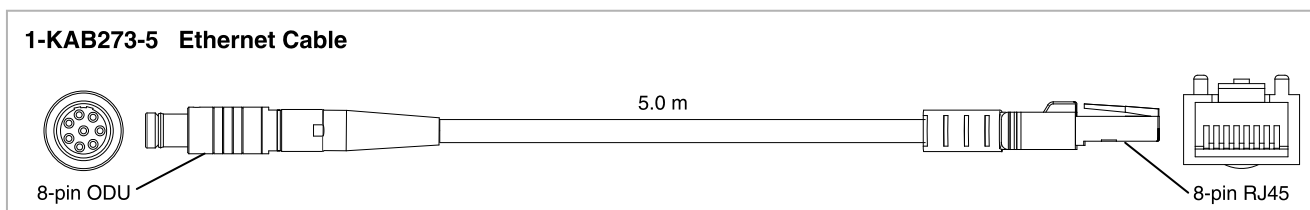


Sensor Cables and Connectors (Continued)



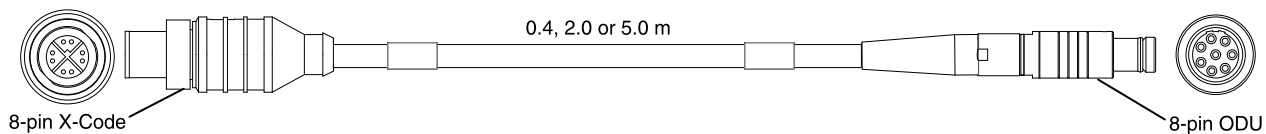
System Cables and Connectors

Order No.	Item	Description
1-KAB273-5	Ethernet cable (5 m)	Ethernet patch cable (8-pin ODU to RJ45) for connection from PC to MX module
1-KAB2100-0.4 1-KAB2100-2 1-KAB2100-5	Ethernet cable (0.4, 2 or 5 m)	Ethernet patch cable (8-pin ODU to 8-pin X-Code) for connection from CX23-R or EX23-R to MX module
1-KAB2106-2 1-KAB2106-5	Ethernet cable (2 or 5 m)	Ethernet patch cable (8-pin X-Code to RJ45) for connection from PC to CX23-R host port or EX23-R
1-KAB2107-0.4 1-KAB2107-2	Ethernet cable (0.4 or 2 m)	Ethernet patch cable (8-pin X-Code to 8-pin X-Code) for connection from EX23-R to CX23-R
1-KAB272-0.2 1-KAB272-2 1-KAB272-5	FireWire cable (0.2, 2 or 5 m)	FireWire cable (8-pin ODU to 8-pin ODU) for connection between two MX modules Note: MX modules can be supplied with power over this cable with max. 1.5 A (from the source to the last drain)
1-IF-002	FireWire ExpressCard	FireWire IEEE 1394b ExpressCard/34 for PCs
1-KAB293-5	PC FireWire cable (5 m)	FireWire cable (8-pin ODU to IEEE 1394b) for connection from PC to MX module Note: Power cannot be supplied using this cable.
1-KAB276-3	Hub FireWire cable (3 m)	FireWire cable (8-pin ODU to IEEE 1394b) for connection from FireWire hub to MX module Note: MX modules can be supplied with power over this cable with max. 1.5 A (from source to the last drain)

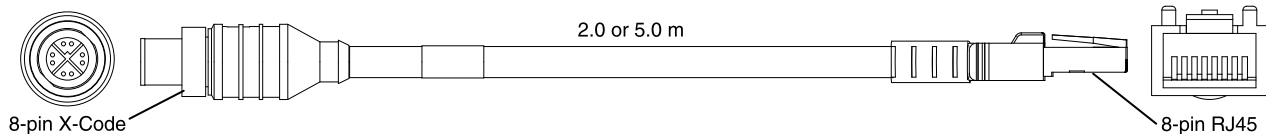


System Cables and Connectors (Continued)

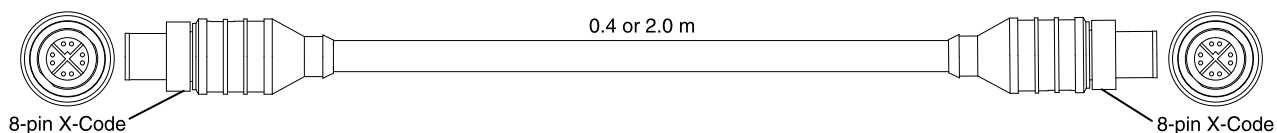
1-KAB2100 Ethernet Cable



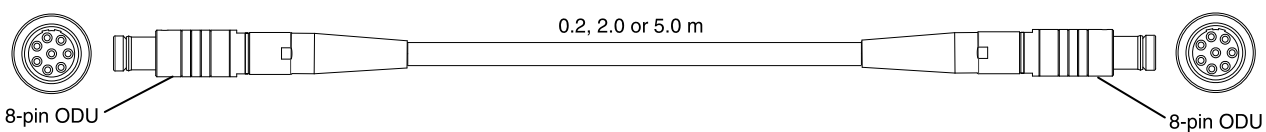
1-KAB2106 Ethernet Cable



1-KAB2107 Ethernet Cable

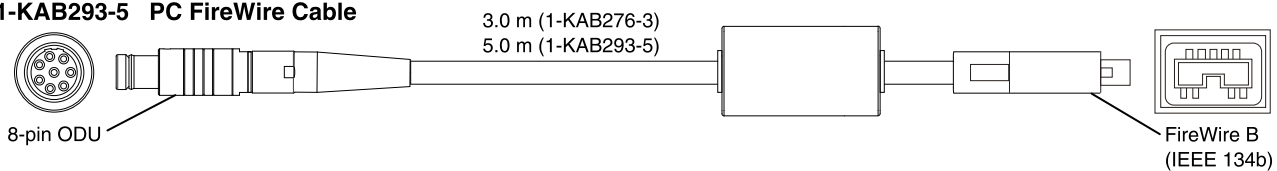


1-KAB272 FireWire Cable



1-KAB276-3 Hub FireWire Cable

1-KAB293-5 PC FireWire Cable



1-IF-002 FireWire ExpressCard





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