

Connectors for fieldbus technology – DeviceNet/CANopen



- Cable conforming to DeviceNet specification (7/8" and M12 connectors)
- Very good resistance to oils and chemicals
- Gold-plated pins

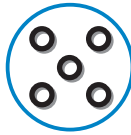


Technical data

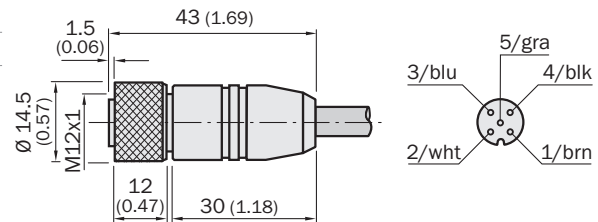
Nominal voltage	30 V AC/36 V DC (M12, 5-pin)
	250 V AC (7/8")
Nominal power	4 A (M12)
	9 A (7/8", 5-pin)
Temperature range	Connector: 7/8": -40 °C ... +90 °C
	M12: -25 °C ... +90 °C
	Cable: -40 °C ... +70 °C (stationary position) -10 °C ... +70 °C (flexible use)
Bending radius	> 100 mm (appropriate for drag cable use)

Cable	2 x 0.34 mm ² (22 AWG)/
(DeviceNet Dropcable)	2 x 0.25 mm ² (24 AWG), twisted pair, PUR color black
Drain wire	0.34 mm ² (22 AWG)
Shielding	Al-Pt film (wire)
	C-screen tin-plated (overall shield)
Wire section	Max. 0.75 mm ² (M12 screw terminals)
	Max. 1.5 mm ² (7/8" screw terminals)
Enclosure rating	IP 67

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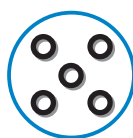


Type	Order no.
DOL - 12 05 - G 06M K	6028326 6 m, dropcable

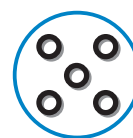


Dimensions in mm (inch)

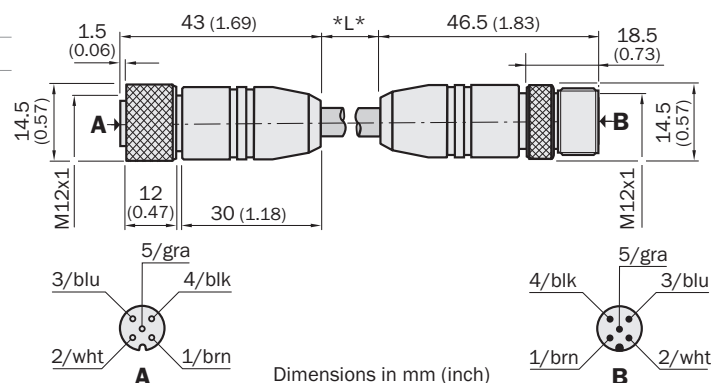
Round connectors (page 4 ... 43)							Distribution systems (page 44 ... 59)		
Field-attachable	Single-ended cordsets			Double-ended cordsets			Sensor/actuator boxes	Sensor/actuator boxes Food & Beverage	T-junctions/ Y-junctions
	PVC	PUR	Food & Beverage	PVC	PUR	Food & Beverage			



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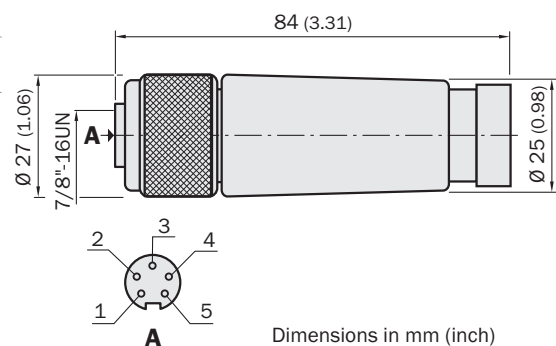
Type	Order no.
DSL - 12 05 - G 06M K	6028327 6 m, dropcable



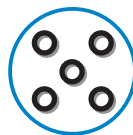
DeviceNet
CANopen



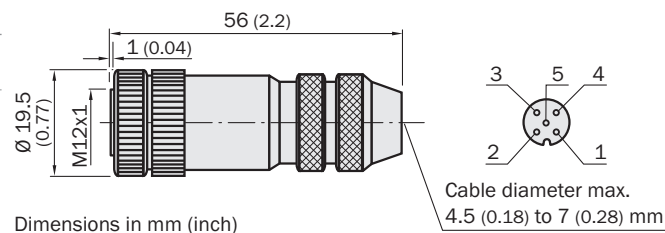
Type	Order no.	Wire section
DOS - 78 05 - G K	6028331	max. 1.5 mm ²



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Type	Order no.	Wire section
DOS - 12 05 - G A	6027534	max. 0.75 mm ²



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7/8"

5-pin

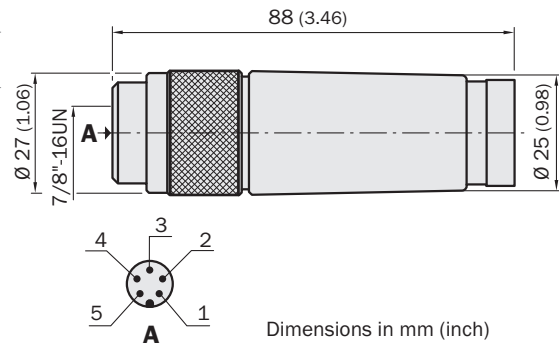
Type

STE - 78 05 - G K

Order no.

6028332

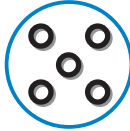
Wire section
max. 1.5 mm²



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M12



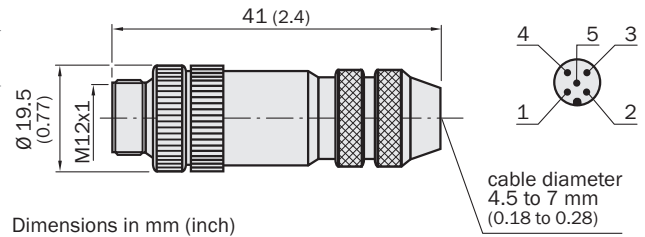
Type

STE - 12 05 - G A

Order no.

6027533

Wire section
max. 0.75 mm²



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Cable (by the meter)

Type

LTG - 28 04 - M W

Order no.

6028328

Round connectors (page 4 ... 43)							Distribution systems (page 44 ... 59)		
Field-attachable	Single-ended cordsets			Double-ended cordsets			Sensor/actuator boxes	Sensor/actuator boxes Food & Beverage	T-junctions/ Y-junctions
	PVC	PUR	Food & Beverage	PVC	PUR	Food & Beverage			

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7/8"

5-pin

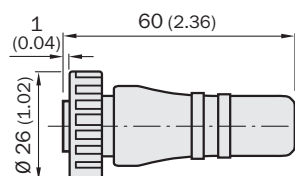
Terminal resistor

Type

DOS - 78 05 - G K END

Order no.

6028329



Dimensions in mm (inch)

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M12



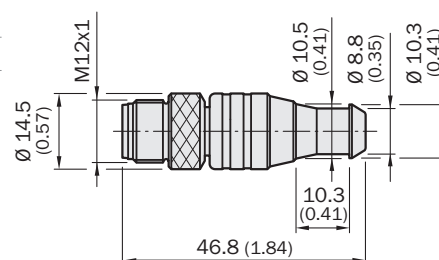
Terminal resistor

Type

STE - 12 05 - G K END

Order no.

6037193



Dimensions in mm (inch)

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7/8"

5-pin

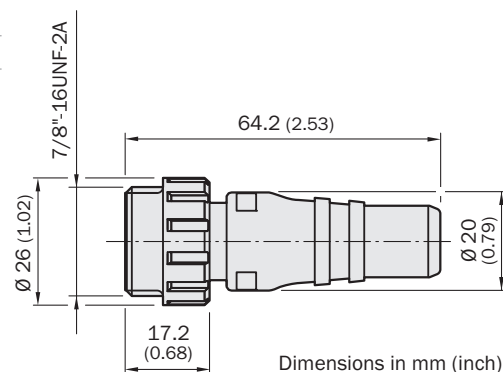
Terminal resistor

Type

STE - 78 05 - G K END

Order no.

6028995



Dimensions in mm (inch)

Connectors for fieldbus technology
(page 60 ... 75)

Rectangular connectors
(page 76 ... 81)

Specific connectors (page 82 ... 109)

DeviceNet/CANopen Ethernet PROFIBUS

DME3000

DME4000/
DME5000

Positioning
encoders

Inspector

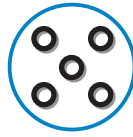
C2000/
M2000

C4000/
M4000

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2x
7/8"

M12



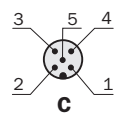
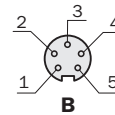
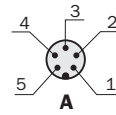
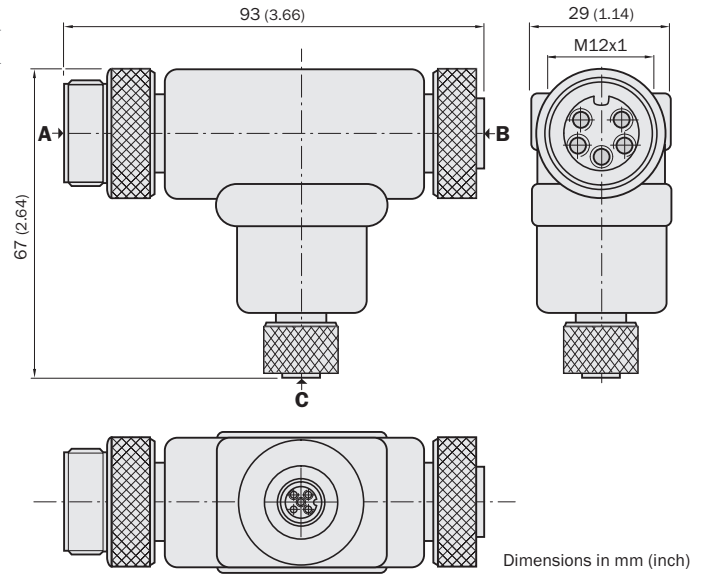
T-junctions

Type

Order no.

SD0 - 02 D78 - SF

6028330



1 = Drain
2 = +24 V DC
3 = 0 V
4 = CAN_H
5 = CAN_L

Round connectors (page 4 ... 43)							Distribution systems (page 44 ... 59)		
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	PVC	PUR	Food & Beverage	PVC	PUR	Food & Beverage			