

DOL-2312-G30MMA3

Sensor/actuator cable

PLUG CONNECTORS AND CABLES





Ordering information

Туре	Part no.
DOL-2312-G30MMA3	2029217

Other models and accessories -> www.sick.com/Sensor_actuator_cable

Detailed technical data

Technical specifications

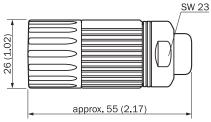
Connection type head A Female connector, M23, 12-pin, straight Fonnection type head B Flying leads Cocking nut material Coble Cocking nut material Cocking n		
Female connector, M23, 12-pin, straight Fonnection type head B Flying leads Zinc die-cast, nickel-plated Zinc die-cast, ni	Accessory group	Plug connectors and cables
Flying leads cocking nut material Cable 30 m, 12-wire, PUR, halogen-free acket material acket color Black Cable diameter 7.8 mm 4 x 2 x 0.25 mm² + 2 x 0.5 mm² + 2 x 0.14 mm² Chielding Stationary position Drag chain operation Drag chain operation Ceference voltage	Accessory family	Connecting cables
Zinc die-cast, nickel-plated 30 m, 12-wire, PUR, halogen-free acket material acket color Black Cable diameter 7.8 mm 4 x 2 x 0.25 mm² + 2 x 0.5 mm² + 2 x 0.14 mm² Shielding Bending radius Stationary position Drag chain operation Drag chain operation Reference voltage	Connection type head A	Female connector, M23, 12-pin, straight
30 m, 12-wire, PUR, halogen-free PUR, halogen-free Black 7.8 mm 4 x 2 x 0.25 mm² + 2 x 0.14 mm² Shielding Sending radius Stationary position Drag chain operation Pure, halogen-free PUR, halogen-free PUR, halogen-free 7.8 mm 5 x cable diameter 5 x cable diameter > 7.5 x cable diameter > 7.5 x cable diameter	Connection type head B	Flying leads
PUR, halogen-free Black Cable diameter 7.8 mm 4 x 2 x 0.25 mm² + 2 x 0.14 mm² Chielding Chielding Stationary position Drag chain operation PUR, halogen-free Black 7.8 mm 4 x 2 x 0.25 mm² + 2 x 0.14 mm² Shielded > 5 x cable diameter > 7.5 x cable diameter > 7.5 x cable diameter	Locking nut material	Zinc die-cast, nickel-plated
Black 7.8 mm Conductor cross section 4 x 2 x 0.25 mm² + 2 x 0.14 mm² Shielding Sending radius Stationary position Drag chain operation Seference voltage	Cable	30 m, 12-wire, PUR, halogen-free
7.8 mm 4 x 2 x 0.25 mm² + 2 x 0.14 mm² Shielding Shielded Stationary position Drag chain operation Peference voltage	Jacket material	PUR, halogen-free
Conductor cross section 4 x 2 x 0.25 mm² + 2 x 0.14 mm² Shielding Shielded Stationary position Stationary position Drag chain operation Peference voltage A x 2 x 0.25 mm² + 2 x 0.14 mm² Shielded > 5 x cable diameter > 7.5 x cable diameter	Jacket color	Black
Shielding Sending radius Stationary position Drag chain operation Peference voltage Shielded > 5 x cable diameter > 7.5 x cable diameter	Cable diameter	7.8 mm
Sending radius Stationary position > 5 x cable diameter Drag chain operation > 7.5 x cable diameter Reference voltage	Conductor cross section	4 x 2 x 0.25 mm ² + 2 x 0.5 mm ² + 2 x 0.14 mm ²
Stationary position > 5 x cable diameter Drag chain operation > 7.5 x cable diameter teference voltage	Shielding	Shielded
Drag chain operation > 7.5 x cable diameter Reference voltage	Bending radius	
Reference voltage	Stationary position	> 5 x cable diameter
-	Drag chain operation	> 7.5 x cable diameter
≤ 160 V	Reference voltage	
		≤ 160 V
Current loading 7 A	Current loading	7 A
ignal type Incremental	Signal type	Incremental
Inclosure rating IP66/ IP67	Enclosure rating	IP66/ IP67
Head A: female connector, M23, 12-pin, straight Head B: Cable Cable: incremental, suitable for drag chain, PUR, halogen-free, shielded, 4 x 2 x 0.25 mm² +2 x 0.5 mm² +1 x 0.14 mm², Ø 7.8 mm	Description	for drag chain, PUR, halogen-free, shielded, $4 \times 2 \times 0.25 \text{ mm}^2 + 2 \times 0.5 \text{ mm}^2 + 1 \times 0.14 \text{ mm}^2$,

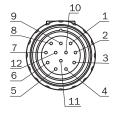
Classifications

ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304
ECLASS 10.0	27060304

ECLASS 11.0	27060304
ECLASS 12.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

Dimensional drawing (Dimensions in mm (inch))





- ① Black
- ② Gray③ Purple
- 4 Yellow
- ⑤ White
- 6 Brown
- 8 Pink
- 9 Screen
- 10 Blue 11 Green
- 12 Red

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We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

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