

DOL-1205-W10M

Other connectors and cables

PLUG CONNECTORS AND CABLES





Ordering information

Туре	Part no.
DOL-1205-W10M	6010542

Other models and accessories → www.sick.com/Other_connectors_and_cables

Illustration may differ

Detailed technical data

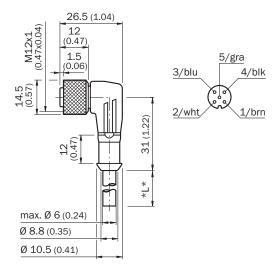
Technical specifications

Accessory family Connection type head A Female connector, M12, 5-pin, angled Connection type head B Flying leads Connection type Flying leads Connector material Connector material Connector waterial Connector color Connector color Cocking nut material Color		
Connection type head A Connection type head B Flying leads Connection type Could Connection Connection type Could Connection Connection type Could Connection Connecti	Accessory group	Plug connectors and cables
Connection type head B Connection type Connector material Connector color Connector color Cocking nut material Cightening torque Cable Cable Connector Corange Cable Cable Connector Corange Cable Consection Corange Cable Corange Cable Corange Connection Corange Cable Connection Corange Connection Connection Corange Co	Accessory family	Connecting cables
Connector material Connector material Connector color Cocking nut material CuZn, nickel-plated brass Cightening torque Coble Coble Cocking material CuZn, nickel-plated brass	Connection type head A	Female connector, M12, 5-pin, angled
Connector material Connector color Connector color Cozn, nickel-plated brass Cightening torque Coble Coble Coale	Connection type head B	Flying leads
Connector color Locking nut material CuZn, nickel-plated brass Cightening torque Cable 10 m, 5-wire, PVC Lacket material Locket color Crange Conductor cross section Conductor cross section Chielding Bending radius Flexible use Stationary position Stationary position Conductor color Current loading Application Cuzn, nickel-plated brass Cuznel puzze	Connection type	Flying leads
CuZn, nickel-plated brass Cable 0.5 Nm Cable 10 m, 5-wire, PVC Cacket material PVC Cacket color Orange Cable diameter 5.7 mm Conductor cross section 0.34 mm² Chielding Unshielded Bending radius > 10 x cable diameter Stationary position > 5 x cable diameter Stationary position > 5 x cable diameter Sending cycles ≥ 1,000,000 Reference voltage ≤ 60 V Current loading 4 A Application Zones with chemicals	Connector material	TPU
Tightening torque Cable 10 m, 5-wire, PVC Lacket material Lacket color Cable diameter Conductor cross section Chalcet gradius Flexible use Stationary position Stationary position Stationary position Conductor color Stationary position Stationary position Stationary position Conductor cross section Stationary position Statio	Connector color	Orange
Cable 10 m, 5-wire, PVC PVC Cable diameter Conductor cross section Chacket color Conductor cross section Chacket color Conductor cross section Chacket color Conductor cross section Cond	Locking nut material	CuZn, nickel-plated brass
Acket material Cacket color Cable diameter Conductor cross section Chielding Bending radius Flexible use Stationary position Stationary position Conductor cross section Stationary position Stationary position Conductor cross section	Tightening torque	0.5 Nm
Cable diameter 5.7 mm Conductor cross section Chielding Chieldin	Cable	10 m, 5-wire, PVC
Cable diameter 5.7 mm Conductor cross section Shielding Bending radius Flexible use Stationary position Stationary position Stationary position Flexible use \$ 10 x cable diameter \$ 5 x cable diameter \$ 5 x cable diameter \$ 5 x cable diameter \$ 60 V Current loading 4 A Zones with chemicals	Jacket material	PVC
Conductor cross section Shielding Bending radius Flexible use Stationary position Stationary position Stationary position Flexible use Stationary position Stationary pos	Jacket color	Orange
Shielding Bending radius Flexible use Stationary position > 5 x cable diameter > 60 V Current loading Application Unshielded Lunshielded Application Unshielded A x cable diameter > 5 x cable diameter > 5 x cable diameter > 5 x cable diameter > 4 x cable diameter > 5 x cab	Cable diameter	5.7 mm
Bending radius Flexible use Stationary position > 5 x cable diameter Stationary position > 5 x cable diameter ≥ 1,000,000 Reference voltage ≤ 60 V Current loading 4 A Application Zones with chemicals	Conductor cross section	0.34 mm ²
Flexible use Stationary position > 5 x cable diameter > 5 x cable diameter > 5 x cable diameter > 1,000,000 Stationary position > 60 V Current loading Application	Shielding	Unshielded
Stationary position > 5 x cable diameter ≥ 1,000,000 Reference voltage ≤ 60 V Current loading 4 A Application Zones with chemicals	Bending radius	
Bending cycles ≥ 1,000,000 Reference voltage ≤ 60 V Current loading 4 A Application Zones with chemicals	Flexible use	> 10 x cable diameter
Reference voltage ≤ 60 V Current loading 4 A Application Zones with chemicals	Stationary position	> 5 x cable diameter
≤ 60 V Current loading 4 A Application Zones with chemicals	Bending cycles	≥ 1,000,000
Current loading 4 A Application Zones with chemicals	Reference voltage	
Application Zones with chemicals		≤ 60 V
	Current loading	4 A
Enclosure rating IP67	Application	Zones with chemicals
	Enclosure rating	IP67
Ambient operating temperature	Ambient operating temperature	
Flexible use +5 °C +80 °C	Flexible use	+5 °C +80 °C
Stationary position -40 °C +80 °C	Stationary position	-40 °C +80 °C
Head -25 °C +80 °C	Head	-25 °C +80 °C

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))



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