

# DOL-1208-G05MF

Sensor/actuator cable

**CONNECTORS AND CABLES** 





#### Ordering information

Туре	part no.
DOL-1208-G05MF	6020664

Other models and accessories → www.sick.com/Sensor\_actuator\_cable

Illustration may differ

#### Detailed technical data

#### Technical specifications

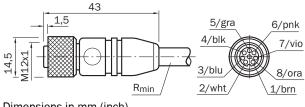
Connection type head B Connector material Connector material Connector color Black Locking nut material Cable S m, 8-wire, PVC Jacket material Jacket color Black Conductor coss section Conductor cross section Shielding Bending radius Flexible use Flexible use S = 30 V  Current loading Special feature Authorizations UL UL File No. Enclosure rating Flexible use Flying leads Flying		
Connection type         Flying leads           Connector material         PVC           Connector color         Black           Locking nut material         Zinc die-cast, nickel-plated           Cable         5 m, 8-wire, PVC           Jacket material         PVC           Jacket color         Black           Cable diameter         6.1 mm           Conductor cross section         0.25 mm²           Shielding         Shielded           Bending radius         * 10 x cable diameter           Reference voltage         ≤ 30 V           Current loading         2 A           Signal type         Sensor/actuator cable           Special feature         Special color code           Authorizations         UL           UL File No.         CYJV.E335179           Enclosure rating         1P67           Operating temperature         * 5 ° C + 80 ° C           Stationary position         -40 ° C + 80 ° C	Connection type head A	Female connector, M12, 8-pin, straight
Connector material         PVC           Connector color         Black           Locking nut material         Zinc die-cast, nickel-plated           Cable         5 m, 8-wire, PVC           Jacket material         PVC           Jacket color         Black           Cable diameter         6.1 mm           Conductor cross section         0.25 mm²           Shielding         Shielded           Bending radius         Flexible use         > 10 x cable diameter           Reference voltage         ≤ 30 V           Current loading         2 A         Signal type         Sensor/actuator cable           Special feature         Special color code           Authorizations         UL         UL           UL File No.         CYJV.E335179         Enclosure rating         IP67           Operating temperature         Flexible use         +5 °C +80 °C         C           Stationary position         -40 °C +80 °C         C	Connection type head B	Flying leads
Connector color     Black       Locking nut material     Zinc die-cast, nickel-plated       Cable     5 m, 8-wire, PVC       Jacket material     PVC       Jacket color     Black       Cable diameter     6.1 mm       Conductor cross section     0.25 mm²       Shielding     Shielded       Bending radius     > 10 x cable diameter       Reference voltage     ≤ 30 V       Current loading     2 A       Signal type     Sensor/actuator cable       Special feature     Special color code       Authorizations     UL       UL File No.     CYJV.E335179       Enclosure rating     IP67       Operating temperature     Flexible use     +5 °C +80 °C       Stationary position     -40 °C +80 °C	Connection type	Flying leads
Locking nut material  Cable  5 m, 8-wire, PVC  PVC  Black toolor  Cable diameter  Conductor cross section  Shielding  Bending radius  Flexible use Flexible use Special feature  Authorizations  UL File No.  Flexible use Flexible use Stationary position  Flexible use Stationary position  Flexible use Fle	Connector material	PVC
Cable 5 m, 8-wire, PVC   Jacket material PVC   Jacket color Black   Cable diameter 6.1 mm   Conductor cross section 0.25 mm²   Shielding Shielded   Bending radius > 10 x cable diameter   Reference voltage ≤ 30 V   Current loading 2 A   Signal type Sensor/actuator cable   Special feature Special color code   Authorizations UL   UL File No. CYJV.E335179   Enclosure rating IP67   Operating temperature +5 °C +80 °C   Stationary position -40 °C +80 °C	Connector color	Black
Jacket material  Jacket color  Cable diameter  Conductor cross section  Shielding  Bending radius  Flexible use  Flexible use  Seference voltage  ≤ 30 V  Current loading  Special type  Special feature  Authorizations  UL  LI File No.  CYJV.E335179  Enclosure rating  Operating temperature  Flexible use  Flexi	Locking nut material	Zinc die-cast, nickel-plated
Black Cable diameter Conductor cross section Challeding Shielding Bending radius Flexible use Reference voltage  ≤ 30 V Current loading Separative Special feature Authorizations UL File No. Enclosure rating Operating temperature Flexible use Stationary position  Flexible use Flexible use C1 mm C25 mm² Shielded Shiel	Cable	5 m, 8-wire, PVC
Cable diameter Conductor cross section Conductor cross section Conductor cross section Conductor cross section Chiefling Conductor cross section Chiefling Conductor cross section Chiefling Conductor cross section Chiefling Conductor Con	Jacket material	PVC
Conductor cross section  Shielding  Bending radius  Flexible use  Flexible use  Seference voltage  ≤ 30 V  Current loading  Signal type  Sensor/actuator cable  Special feature  Authorizations  UL  UL File No.  Enclosure rating  Operating temperature  Flexible use  Stationary position  Flexible use  Shielded  > 10 x cable diameter  ≤ 30 V  2 A  Sensor/actuator cable  Special color code  UL  CYJV.E335179  Enclosure rating  Operating temperature  Flexible use  Stationary position  Flexible use  -40 °C +80 °C	Jacket color	Black
Shielding Bending radius  Flexible use  Reference voltage  ≤ 30 V  Current loading  Sensor/actuator cable Special feature Authorizations UL File No.  Enclosure rating  Operating temperature  Flexible use Stationary position  Flexible use Stationary position  Shielded  > 10 x cable diameter    10 x cable diameter	Cable diameter	6.1 mm
Bending radius  Flexible use > 10 x cable diameter  Reference voltage  ≤ 30 V  Current loading 2 A  Signal type Sensor/actuator cable  Special feature Special color code  Authorizations UL  UL File No. CYJV.E335179  Enclosure rating IP67  Operating temperature  Flexible use +5 °C +80 °C  Stationary position -40 °C +80 °C	Conductor cross section	0.25 mm <sup>2</sup>
Flexible use  Reference voltage  ≤ 30 V  Current loading  Signal type  Sensor/actuator cable  Special feature  Authorizations  UL  UL File No.  Enclosure rating  Operating temperature  Flexible use Stationary position  Stationary position  > 10 x cable diameter  > 10 x cable diameter   > 10 x cable diameter   > 10 x cable diameter	Shielding	Shielded
Reference voltage  ≤ 30 V  Current loading  Signal type  Sensor/actuator cable  Special feature  Authorizations  UL  UL File No.  CYJV.E335179  Enclosure rating  Operating temperature  Flexible use  Stationary position  Flexible volume the sensor of the content of the conten	Bending radius	
Current loading  2 A  Signal type Sensor/actuator cable Special feature Special color code  Authorizations UL File No. CYJV.E335179  Enclosure rating Operating temperature  Flexible use Stationary position  Stationary position  Sensor/actuator cable Special color code  UL  CYJV.E335179  IP67  Flexible use +5 °C +80 °C -40 °C +80 °C	Flexible use	> 10 x cable diameter
Current loading  Signal type  Sensor/actuator cable  Special feature  Special color code  UL  UL File No.  CYJV.E335179  Enclosure rating  Operating temperature  Flexible use Stationary position  CYJV.E360°C  -40 °C +80 °C	Reference voltage	
Sensor/actuator cable  Special feature  Authorizations  UL  UL File No.  Enclosure rating  Operating temperature  Flexible use Stationary position  Sensor/actuator cable  Special color code  UL  CYJV.E335179  IP67  Operating temperature  Flexible use -40 °C +80 °C  -40 °C +80 °C		≤ 30 V
Special feature  Authorizations  UL  UL File No.  CYJV.E335179  Enclosure rating  Operating temperature  Flexible use Stationary position  Stationary position  Special color code  UL  CYJV.E335179  IP67  IP67  Operating temperature  -40 °C +80 °C  -40 °C +80 °C	Current loading	2 A
Authorizations  UL  UL File No.  Enclosure rating  Operating temperature  Flexible use Stationary position  CYJV.E335179  IP67  P67  -40 °C +80 °C  -40 °C +80 °C	Signal type	Sensor/actuator cable
CYJV.E335179  Enclosure rating  Operating temperature  Flexible use	Special feature	Special color code
Enclosure rating  Operating temperature  Flexible use	Authorizations	UL
Operating temperature  Flexible use +5 °C +80 °C  Stationary position -40 °C +80 °C	UL File No.	CYJV.E335179
Flexible use +5 °C +80 °C -40 °C +80 °C	Enclosure rating	IP67
Stationary position -40 °C +80 °C	Operating temperature	
	Flexible use	+5 °C +80 °C
Head -25 °C +90 °C		
	Head	-25 °C +90 °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)

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

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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