



DSL-1285GM25034KM1

Sensor/actuator cable

PLUG CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
DSL-1285GM25034KM1	2070987

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



Detailed technical data

Technical specifications

Accessory group	Plug connectors and cables				
Accessory family	Connection cables				
Connection type head A	Female connector, M12, 5-pin, straight				
Connection type head B	Male connector, M12, 8-pin, straight				
Connector material	Female connector material: TPU; male connector material: PBT				
Connector color	Black				
Locking nut material	CuZn, nickel-plated brass				
Tightening torque	0.4 Nm				
Cable	0.25 m, 5-wire, PVC				
Jacket material	PVC				
Jacket color	Black				
Cable diameter	5.7 mm				
Conductor cross section	0.34 mm ²				
Shielding	Unshielded				
Bending radius	<table border="0"> <tr> <td style="padding-right: 20px;">Flexible use</td> <td>> 10 x cable diameter</td> </tr> <tr> <td>Stationary position</td> <td>> 5 x cable diameter</td> </tr> </table>	Flexible use	> 10 x cable diameter	Stationary position	> 5 x cable diameter
Flexible use	> 10 x cable diameter				
Stationary position	> 5 x cable diameter				
Bending cycles	≥ 1,000,000				
Reference voltage	≤ 60 V				
Current loading	4 A				
Traversing speed	3.33 m/s				
Acceleration	≤ 5 m/s ²				
Application	Zones with chemicals				
Authorizations	UL				
Enclosure rating	IP67				
Items supplied	Packaging unit: 2 pcs.				
Description	2 replacement cables (replacement of C4000 with deTec4)				
Ambient operating temperature	<table border="0"> <tr> <td style="padding-right: 20px;">Flexible use</td> <td>+5 °C ... +80 °C</td> </tr> </table>	Flexible use	+5 °C ... +80 °C		
Flexible use	+5 °C ... +80 °C				

Stationary position	-40 °C ... +80 °C
Drag chain operation	+5 °C ... +60 °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

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.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com