Online data sheet



DSL-1285GM25034KM1

SICK
Sensor Intelligence.

DSL-1285GM25034KM1



Ordering information

Type	Part no.
DSL-1285GM25034KM1	2070987

Other models and accessories ➜ www.sick.com/

Detailed technical data

Technical specifications

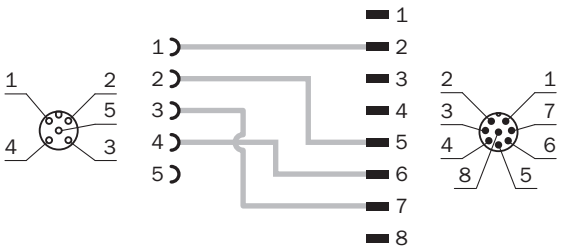
Accessory group	Plug connectors and cables
Accessory family	Connection cables
Connection type head A	Female connector, M12, 5-pin, straight
Connection type head B	Male connector, M12, 8-pin, straight
Connector material	Female connector material: TPU; male connector material: PBT
Connector color	Female connector: Orange; male connector: 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	Orange
Cable diameter	5.7 mm
Conductor cross-section	0.34 mm²
Shielding	Unshielded
Bending radius	
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/s²
Application	Zones with chemicals
Authorizations	UL
Enclosure rating	IP67
Items supplied	Packaging unit: 2 pcs.
Description	Replacement cables (replacement of C4000 with deTec4)
Ambient operating temperature	
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

ECl@ss 5.0	19030312
ECl@ss 5.1.4	19030312
ECl@ss 6.0	27060304
ECl@ss 6.2	27060304
ECl@ss 7.0	27060304
ECl@ss 8.0	27060304
ECl@ss 8.1	27060304
ECl@ss 9.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
UNSPSC 16.0901	26121604

PIN assignment



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