Data sheet

AOD1-SR24Q1

Display modules

INTEGRATION MODULES AND ADAPTERS

SICK
Sensor Intelligence.

Ordering information

Type	part no.
AOD1-SR24Q1	6054271

Other models and accessories ➜ www.sick.com/Display_modules

Detailed technical data

Features

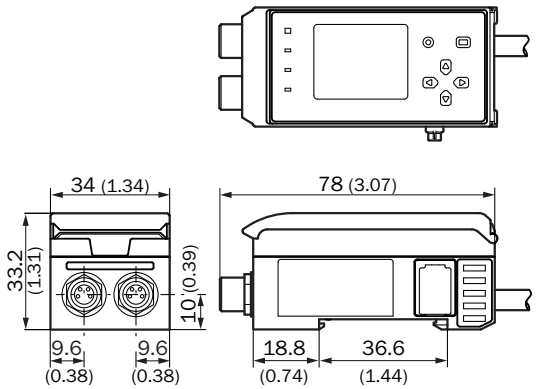
Product segment	Integration modules and adapters
Product	Display modules
Description	OD Mini evaluation unit, slave, 1 x Q, M8 male connector, 4-pin
Enclosure rating	IP50
Power consumption	[1]
Ambient operating temperature	–25 °C ... +50 °C
Weight	80 g

[1] Without connected sensor heads.

Classifications

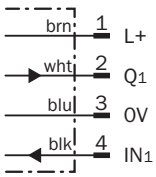
ECLASS 5.0	27270890
ECLASS 5.1.4	27270890
ECLASS 6.0	27270890
ECLASS 6.2	27270890
ECLASS 7.0	27270890
ECLASS 8.0	27270890
ECLASS 8.1	27270890
ECLASS 9.0	27270892
ECLASS 10.0	27270892
ECLASS 11.0	27270892
ECLASS 12.0	27270992
ETIM 5.0	EC001825
ETIM 6.0	EC001825
ETIM 7.0	EC001825
ETIM 8.0	EC001825
UNSPSC 16.0901	41111613

Dimensional drawing

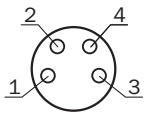


Dimensions in mm (inch)

Anschlussschema



PIN assignment



① L+
② Q_1: Digital output PNP/NPN
③ 0 V
④ IN_1: Digital input

Recommended accessories

Other models and accessories ➜ www.sick.com/Display_modules

	Brief description	Type	part no.
connectors and cables			
	• **Description:** Sensor/actuator cable, unshielded • **Connection type head A:** Female connector, M8, 4-pin, straight, A-coded • **Connection type head B:** Male connector, M8, 4-pin, straight, A-coded • **Signal type:** Sensor/actuator cable • **Cable:** 2 m, 4-wire, PUR, halogen-free • **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-020UA3M8U14	2096347

	Brief description	Type	part no.
integration modules and adapters			
	• **Description:** IO-Link Smart Sensor Gateway for WLL180T, KTL180 and AOD1; Features: IO-Link; COM3; M8 connection, 4-pin; full read/write functionality for the process and service data of the connected sensors. See operating instructions for additional information and technical details	WI180C-IOA00	6071650
	• **Description:** EtherCAT coupler for WLL180T, KTL180 and AOD1. Features: EtherCAT; transmission rates of up to 100 Mbaud; M12 EtherCAT connection; M8 voltage supply connection, 4-pin; full read/write functionality for the process and service data of the connected sensors. See operating instructions for additional information and technical details	WI180C-EC	6068089
	• **Description:** PROFINET coupler for WLL180T, KTL180 and AOD1. Features: PROFINET IRT; transmission rates 10 Mbaud – 100 Mbaud; M12 PROFINET connection; M8 voltage supply connection, 4-pin; full read/write functionality for the process and service data of the connected sensors. See operating instructions for additional information and technical details	WI180C-PN	6068088

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

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