



# IOLG2EC-03208R01 (IO-Link Master)

Fieldbus modules

INTEGRATION MODULES AND ADAPTERS

**SICK**  
Sensor Intelligence.



Illustration may differ



### Ordering information

Type	part no.
IOLG2EC-03208R01 (IO-Link Master)	6053254

Other models and accessories → [www.sick.com/Fieldbus\\_modules](http://www.sick.com/Fieldbus_modules)

### Detailed technical data

#### Technical specifications

<b>Accessory family</b>	Fieldbus modules
<b>Description</b>	EtherCAT IO-Link Master, IO-Link V1.1, Port Class A, power supply via 7/8" cable 24 V / 8 A, fieldbus connection via M12 cable

#### Certificates

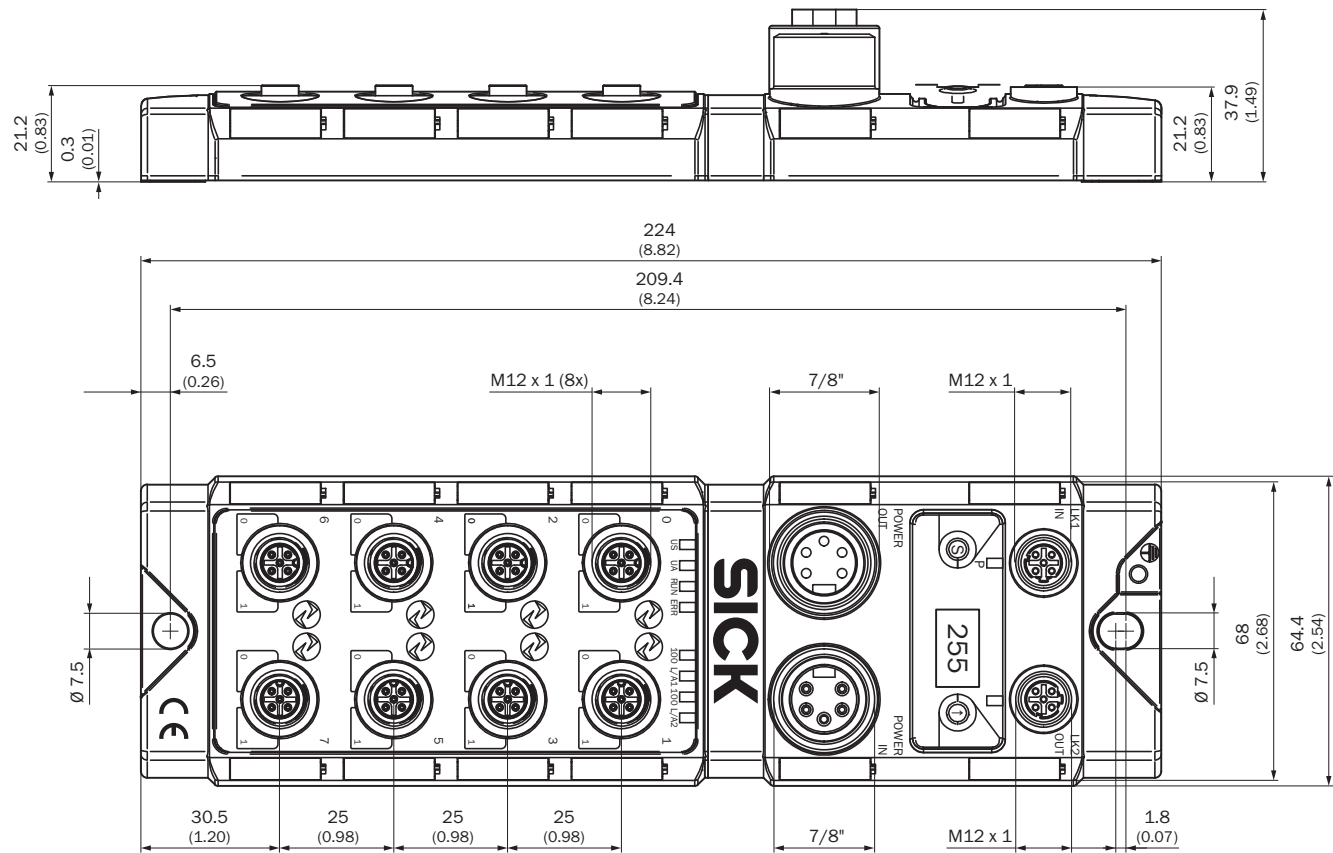
<b>EU declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>China RoHS</b>	✓
<b>IO-Link certificate</b>	✓

#### Classifications

<b>ECLASS 5.0</b>	27242202
<b>ECLASS 5.1.4</b>	27242602
<b>ECLASS 6.0</b>	27242602
<b>ECLASS 6.2</b>	27242602
<b>ECLASS 7.0</b>	27242602
<b>ECLASS 8.0</b>	27242602
<b>ECLASS 8.1</b>	27242602
<b>ECLASS 9.0</b>	27242602
<b>ECLASS 10.0</b>	27242602
<b>ECLASS 11.0</b>	27242602
<b>ECLASS 12.0</b>	27242602
<b>ETIM 5.0</b>	EC001597
<b>ETIM 6.0</b>	EC001597

ETIM 7.0	EC001597
ETIM 8.0	EC001597
UNSPSC 16.0901	32151705

## Dimensional drawing



Dimensions in mm (inch)

### Recommended accessories

Other models and accessories → [www.sick.com/Fieldbus\\_modules](http://www.sick.com/Fieldbus_modules)

	Brief description	Type	part no.
connectors and cables			
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, 7/8", 5-pin, straight, A-coded</li> <li><b>Signal type:</b> DeviceNet™, CANopen</li> <li><b>Description:</b> DeviceNet™, shielded CANopen</li> <li><b>Permitted cross-section:</b> ≤ 1.5 mm²</li> <li><b>Note:</b> For field bus technology</li> </ul>	STE-7805-GK	6028332
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, 7/8", 5-pin, straight, A-coded</li> <li><b>Signal type:</b> DeviceNet™, CANopen</li> <li><b>Description:</b> DeviceNet™, shielded CANopen</li> <li><b>Permitted cross-section:</b> ≤ 1.5 mm²</li> </ul>	DOS-7805-GK	6028331
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, M12, 4-pin, straight, D-coded</li> <li><b>Connection type head B:</b> Male connector, RJ45, 8-pin, straight</li> <li><b>Signal type:</b> PROFINET</li> <li><b>Cable:</b> 5 m, 4-wire, AWG22, PUR, halogen-free</li> <li><b>Description:</b> PROFINET, shielded</li> </ul>	SSL-2J04-G05MZ	6035389
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, M12, 4-pin, straight, D-coded</li> <li><b>Connection type head B:</b> Male connector, RJ45, 8-pin, straight</li> <li><b>Signal type:</b> Ethernet</li> <li><b>Cable:</b> 10 m, 4-wire, AWG26, PUR, halogen-free</li> <li><b>Description:</b> Ethernet, twisted pair, shielded</li> </ul>	YM2D24-100EA1M-RJA4	6030928
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, M12, 4-pin, straight, D-coded</li> <li><b>Connection type head B:</b> Male connector, RJ45, 8-pin, straight</li> <li><b>Signal type:</b> PROFINET</li> <li><b>Cable:</b> 3 m, 4-wire, AWG22, PUR, halogen-free</li> <li><b>Description:</b> PROFINET, shielded</li> </ul>	SSL-2J04-G03MZ	6029630
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, M12, 4-pin, straight, D-coded</li> <li><b>Connection type head B:</b> Male connector, RJ45, 8-pin, straight</li> <li><b>Signal type:</b> PROFINET</li> <li><b>Cable:</b> 25 m, 4-wire, AWG22, PUR, halogen-free</li> <li><b>Description:</b> PROFINET, shielded</li> <li><b>Application:</b> Robot</li> </ul>	SSL-2J04-G25ME	6033555
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, M12, 4-pin, straight, D-coded</li> <li><b>Connection type head B:</b> Male connector, RJ45, 4-pin, straight</li> <li><b>Signal type:</b> Ethernet, PROFINET</li> <li><b>Cable:</b> 2 m, 4-wire, PUR, halogen-free</li> <li><b>Description:</b> Ethernet, shielded, PROFINET</li> <li><b>Application:</b> Drag chain operation, Zones with oils and lubricants</li> </ul>	YM2D24-020P-N1MRJA4	2106182
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, M12, 4-pin, straight, D-coded</li> <li><b>Connection type head B:</b> Male connector, RJ45, 4-pin, straight</li> <li><b>Signal type:</b> Ethernet, PROFINET</li> <li><b>Cable:</b> 5 m, 4-wire, PUR, halogen-free</li> <li><b>Description:</b> Ethernet, shielded, PROFINET</li> <li><b>Application:</b> Drag chain operation, Zones with oils and lubricants</li> </ul>	YM2D24-050P-N1MRJA4	2106184
device protection and care			
	<ul style="list-style-type: none"> <li><b>Description:</b> Protective cap for M12 socket or unused ports</li> </ul>	DOS-12SK	5309189
	<ul style="list-style-type: none"> <li><b>Description:</b> Protective cap for unused 7/8" female connector</li> </ul>	DOS-78SK	5333972

## 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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