FLA-YCON00002

Flexi Loop

SAFE SERIES CONNECTION

SICK
Sensor Intelligence.

Ordering information

Type	part no.
FLA-YCON00002	2074734

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

Detailed technical data

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
China RoHS	✓
cULus certificate	✓

Classifications

|	
ECLASS 5.0	27371990
ECLASS 5.1.4	27371990
ECLASS 6.0	27371819
ECLASS 6.2	27371819
ECLASS 7.0	27371819
ECLASS 8.0	27371819
ECLASS 8.1	27371819
ECLASS 9.0	27371819
ECLASS 10.0	27371819
ECLASS 11.0	27371819
ECLASS 12.0	27371819
ETIM 5.0	EC001449
ETIM 6.0	EC001449
ETIM 7.0	EC001449
ETIM 8.0	EC001449
UNSPSC 16.0901	41113704

Dimensional drawing FLA-YCON00001
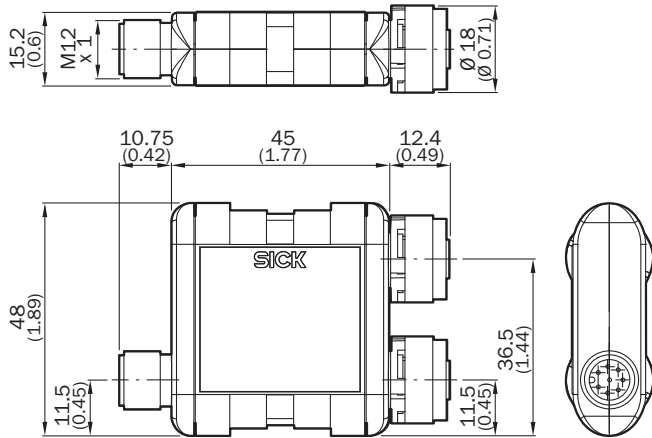
Dimensions in mm (inch)

Connection diagram
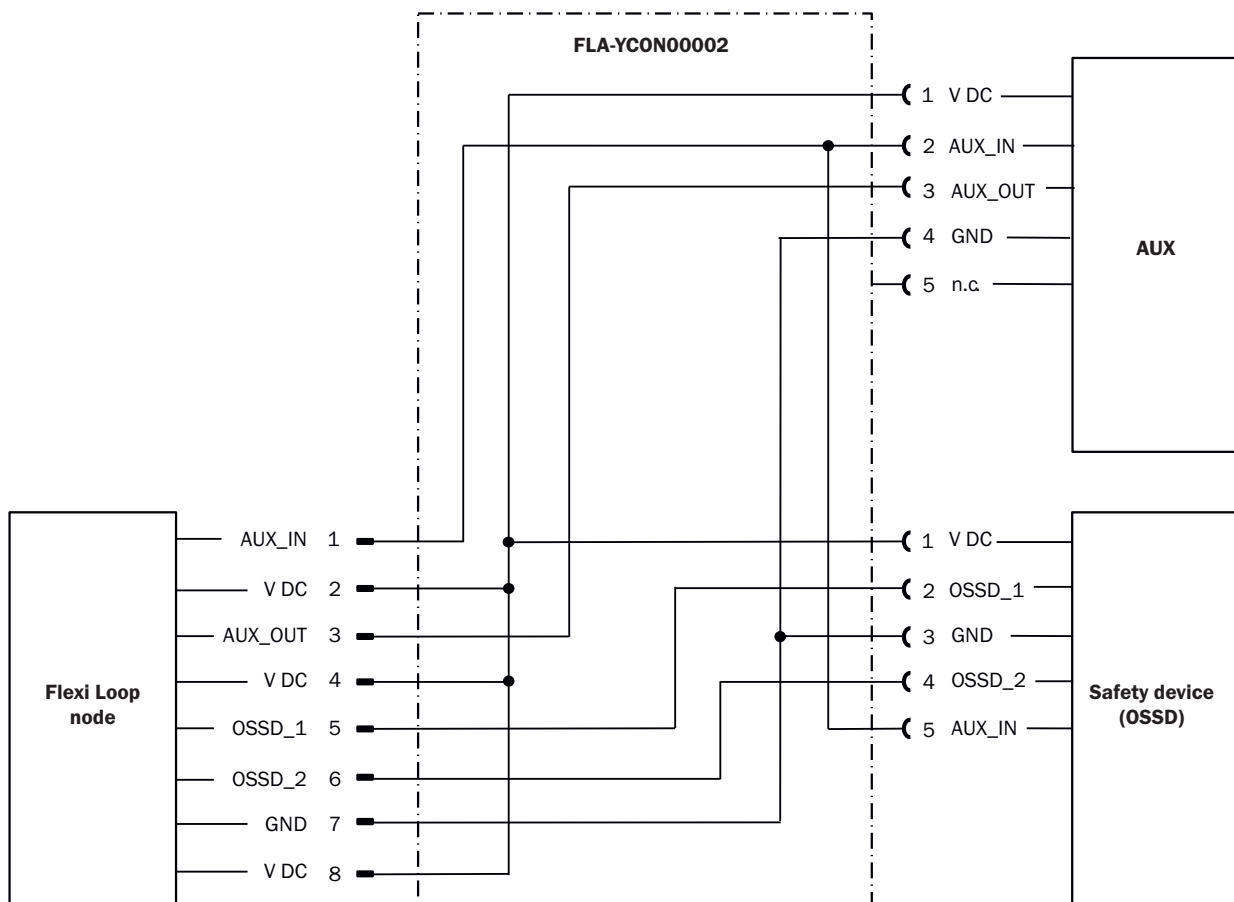
PIN assignment
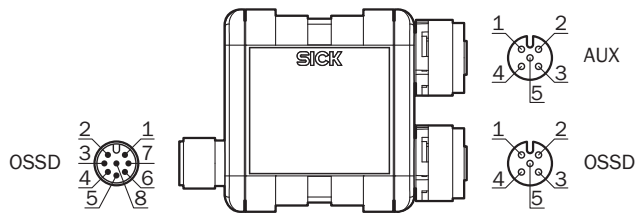
Connection	Pin	Signal	Description	Color-coded connecting cable
OSSD	1	AUX_IN	Non-safe input	White
	2	VDC	24 V supply voltage for safety device	Brown
	3	AUX_OUT	Non-safe output	Green
	4	VDC	24 V supply voltage for safety device	Yellow
	5	OSSD1	Input OSSD 1	Gray
	6	OSSD2	Input OSSD 2	Pink
	7	GND	GND supply voltage for safety device	Blue
	8	VDC	24 V supply voltage for safety device	Red
	–			
AUX	1	VDC	24 V supply voltage	–
	2	AUX_IN	Non-safe input	–
	3	AUX_OUT	Non-safe output	–
	4	GND	GND supply voltage	–
	5	NC	Not connected	–
	–			
OSSD	1	VDC	24 V supply voltage for safety device	Brown
	2	OSSD1	Input OSSD 1	White
	3	GND	GND supply voltage for safety device	Blue
	4	OSSD2	Input OSSD 2	Black
	5	AUX_IN	Non-safe input	Gray

The colors listed apply when using pre-assembled cables (no guarantee).

Recommended accessories

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

Brief description		Type	part no.
Mounting systems			
	• **Description:** Flexi Loop fixing clip • **Dimensions (W x H x L):** 15 mm x 32 mm x 21 mm • **Packing unit:** 1 piece • **Suitable for:** Flexi Loop	C-Fix bracket	2068830

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:

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