



FLA-DIAG00001

Flexi Loop

SAFE SERIES CONNECTION

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
FLA-DIAG00001	1061714

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



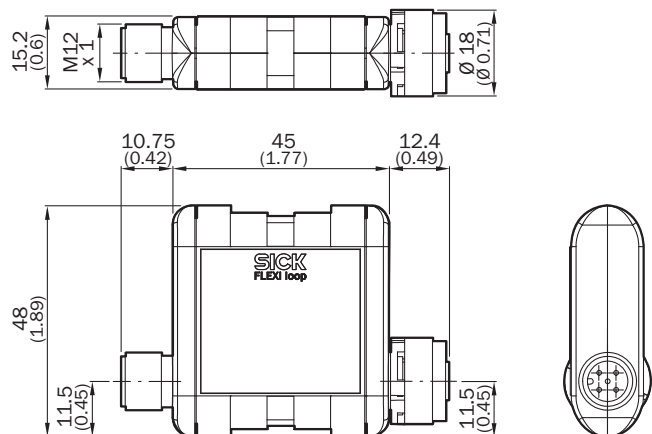
Detailed technical data

Classifications

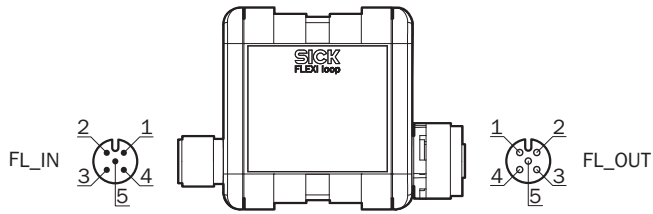
ECl@ss 5.0	27371990
ECl@ss 5.1.4	27371990
ECl@ss 6.0	27371819
ECl@ss 6.2	27371819
ECl@ss 7.0	27371819
ECl@ss 8.0	27371819
ECl@ss 8.1	27371819
ECl@ss 9.0	27371819
ETIM 5.0	EC001449
ETIM 6.0	EC001449
UNSPSC 16.0901	41113704

Dimensional drawing (Dimensions in mm (inch))

FLA-DIAG



PIN assignment




The FL_IN pin assignment is only relevant for the first loop node in a safe series connection when connected to Flexi Soft. Additional Flexi Loop nodes are connected to FL_OUT using standardized cables with M12 plug connectors.

Con- nec- tion	Pin	Sig- nal	Description	Col- or-cod- ed con- nect- ing cable
FL_IN	1	VDC	24 V supply voltage	Brown
	2	DA- TA_OL	Out- put to Flexi Soft input In +1	White
	3	GND	GND sup- ply volt- age	Blue
	4	SAFE_C	Safe cut-off sig- nal, out- put to Flexi Soft input In	Black
	5	DA- TA_IN	Input from Flexi Soft out- put Xn	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 brackets and plates			
	1 piece, Flexi Loop fixing clip	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:

Contacts and other locations –www.sick.com