FLA-PWRI00001

Flexi Loop

SAFE SERIES CONNECTION / SAFETY CONTROLLERS

SICK
Sensor Intelligence.

Ordering information

Type	Part no.
FLA-PWRI00001	1061715

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
eCl@ss 10.0	27371819
eCl@ss 11.0	27371819
eCl@ss 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 (Dimensions in mm (inch))

FLA-PWRI00001
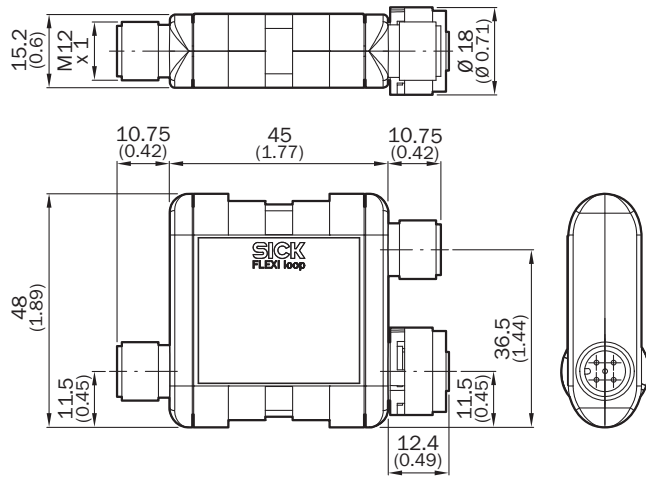
PIN assignment
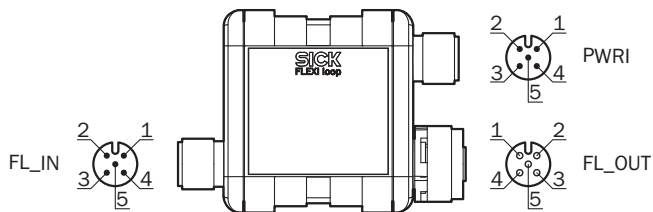
The FL_IN pin assignment is only relevant for the first loop node in a safe series connection when connected to Flexi Soft. Additional Flexi Loop nodes are connected to FL_OUT using standardized cables with M12 plug connectors.

Connection	Pin	Signal	Description	Color-coded connecting cable
FL_IN	1	VDC	24 V supply voltage	Brown
	2	DATA_OUT	Output to Flexi Soft input In +1	White
	3	GND	GND supply voltage	Blue
	4	SAFE_OUT	Safe cut-off signal, output to Flexi Soft input In	Black
	5	DATA_IN	Input from Flexi Soft output Xn	Gray
PWRI	1	VDC	24 V supply voltage for the connected power supply unit	Brown
	2	VDC	24 V supply voltage for the connected power supply unit	White
	3	GND	GND for the connected power supply unit	Blue
	4	GND	GND for the connected power supply unit	Black
	5	NC	Not connected	Gray

Connection	Pin	Signal	Description	Color-coded connecting cable
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:

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