

Inductive Sensors

Teflon-Coated



Descriptions

Metal housing, threaded barrel, DC-3 wire, degree of protection IP67

Features

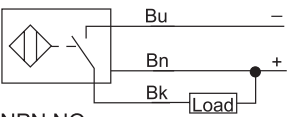
- Teflon-coated
- Resistant against welding sparks
- Acid and alkali resistant
- General size

Technical Data

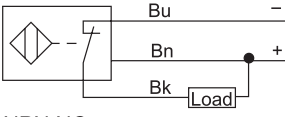
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi3-TM12-OP6L	3mm	flush	NO	PNP	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	1
Fi3-TM12-ON6L	3mm	flush	NO	NPN	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	1
Fi3-TM12-CP6L	3mm	flush	NC	PNP	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	1
Fi3-TM12-CN6L	3mm	flush	NC	NPN	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	1
Fi3-TM12-OP6L-Q12	3mm	flush	NO	PNP	10...30VDC	≤200mA	800Hz	-25...70°C	M12 connector	2
Fi3-TM12-ON6L-Q12	3mm	flush	NO	NPN	10...30VDC	≤200mA	800Hz	-25...70°C	M12 connector	2
Fi3-TM12-CP6L-Q12	3mm	flush	NC	PNP	10...30VDC	≤200mA	800Hz	-25...70°C	M12 connector	2
Fi3-TM12-CN6L-Q12	3mm	flush	NC	NPN	10...30VDC	≤200mA	800Hz	-25...70°C	M12 connector	2
Fi5-TM18-OP6L	5mm	flush	NO	PNP	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	3
Fi5-TM18-ON6L	5mm	flush	NO	NPN	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	3
Fi5-TM18-CP6L	5mm	flush	NC	PNP	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	3
Fi5-TM18-CN6L	5mm	flush	NC	NPN	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	3
Fi5-TM18-OP6L-Q12	5mm	flush	NO	PNP	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 connector	4
Fi5-TM18-ON6L-Q12	5mm	flush	NO	NPN	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 connector	4
Fi5-TM18-CP6L-Q12	5mm	flush	NC	PNP	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 connector	4
Fi5-TM18-CN6L-Q12	5mm	flush	NC	NPN	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 connector	4
Fi10-TM30-OP6L	10mm	flush	NO	PNP	10...30VDC	≤200mA	500Hz	-25...70°C	2m cable	5
Fi10-TM30-ON6L	10mm	flush	NO	NPN	10...30VDC	≤200mA	500Hz	-25...70°C	2m cable	5
Fi10-TM30-CP6L	10mm	flush	NC	PNP	10...30VDC	≤200mA	500Hz	-25...70°C	2m cable	5
Fi10-TM30-CN6L	10mm	flush	NC	NPN	10...30VDC	≤200mA	500Hz	-25...70°C	2m cable	5
Fi10-TM30-OP6L-Q12	10mm	flush	NO	PNP	10...30VDC	≤200mA	500Hz	-25...70°C	M12 connector	6
Fi10-TM30-ON6L-Q12	10mm	flush	NO	NPN	10...30VDC	≤200mA	500Hz	-25...70°C	M12 connector	6
Fi10-TM30-CP6L-Q12	10mm	flush	NC	PNP	10...30VDC	≤200mA	500Hz	-25...70°C	M12 connector	6
Fi10-TM30-CN6L-Q12	10mm	flush	NC	NPN	10...30VDC	≤200mA	500Hz	-25...70°C	M12 connector	6

Connection Diagram

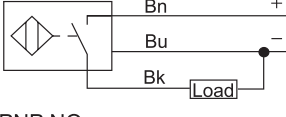
Cable



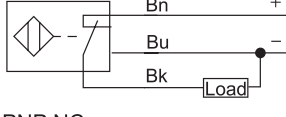
NPN NO



NPN NC



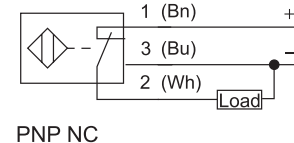
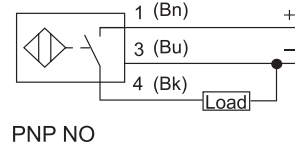
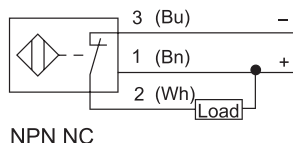
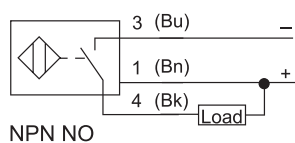
PNP NO



PNP NC

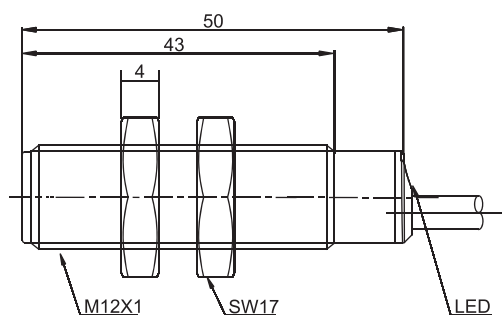
Teflon-Coated

Connector

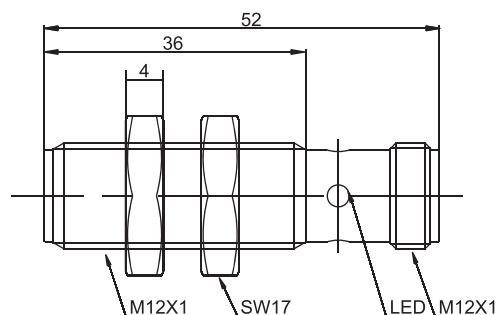


Mechanical Drawing

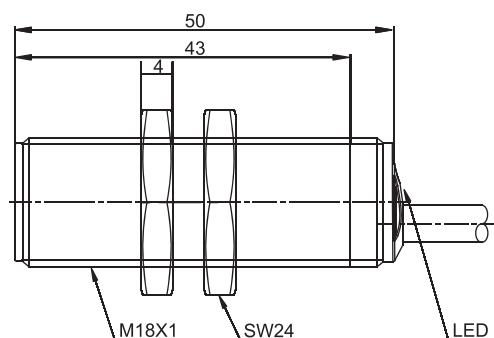
Drawing 1



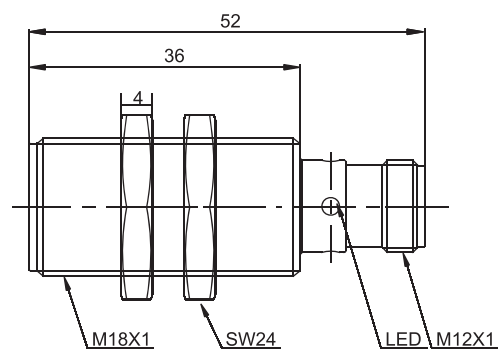
Drawing 2



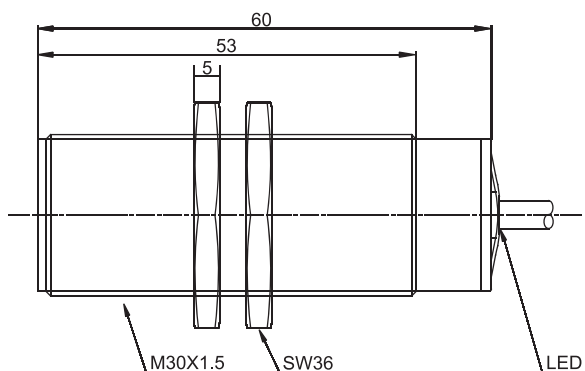
Drawing 3



Drawing 4



Drawing 5



Drawing 6

