

# Capacitive Sensors

## Metal Barrel-M12

### Descriptions:

Metal housing, threaded barrel, DC 3-wire, yellow LED, IP67



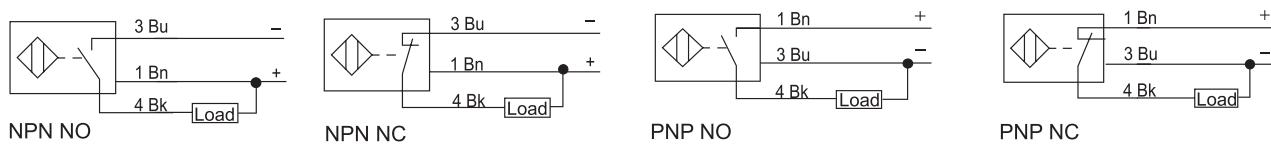
### Features:

- Flush/non-flush option
- Multi-circuit protection
- Varied output
- Sensitivity adjustment of potentiometer

### Parameter:

Type	Rated operating distance	Mounting	Output function	Output type	Voltage range	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical Drawing
FC2-M12-OP6L	2mm	flush	NO	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 1
FC2-M12-ON6L	2mm	flush	NO	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 1
FC2-M12-CP6L	2mm	flush	NC	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 1
FC2-M12-CN6L	2mm	flush	NC	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 1
NC4-M12-OP6L	4mm	non-flush	NO	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 2
NC4-M12-ON6L	4mm	non-flush	NO	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 2
NC4-M12-CP6L	4mm	non-flush	NC	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 2
NC4-M12-CN6L	4mm	non-flush	NC	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	2m cable	drawing 2
FC2-M12-OP6L-Q12	2mm	flush	NO	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 3
FC2-M12-ON6L-Q12	2mm	flush	NO	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 3
FC2-M12-CP6L-Q12	2mm	flush	NC	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 3
FC2-M12-CN6L-Q12	2mm	flush	NC	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 3
NC4-M12-OP6L-Q12	4mm	non-flush	NO	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 4
NC4-M12-ON6L-Q12	4mm	non-flush	NO	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 4
NC4-M12-CP6L-Q12	4mm	non-flush	NC	PNP	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 4
NC4-M12-CN6L-Q12	4mm	non-flush	NC	NPN	10...30VDC	≤200mA	50Hz	-25...70°C	M12 connector	drawing 4

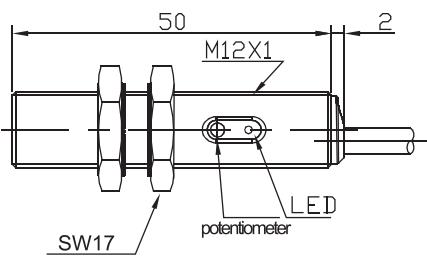
### Connection Diagram:



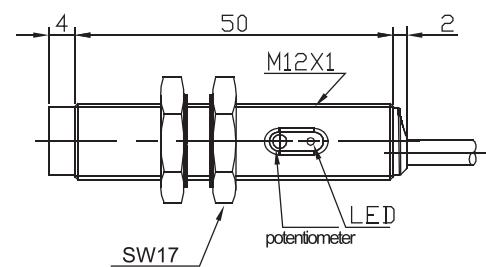
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### Mechanical Drawing:

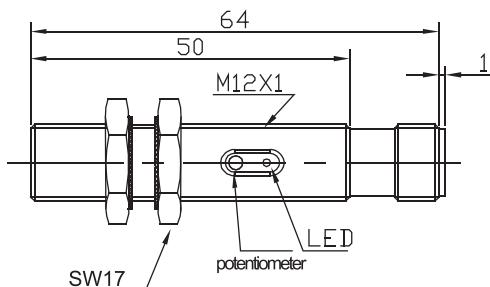
Drawing 1



Drawing 2



Drawing 3



Drawing 4

