

FKY12/18/30 Series

CAPACITIVE PROXIMITY SWITCH



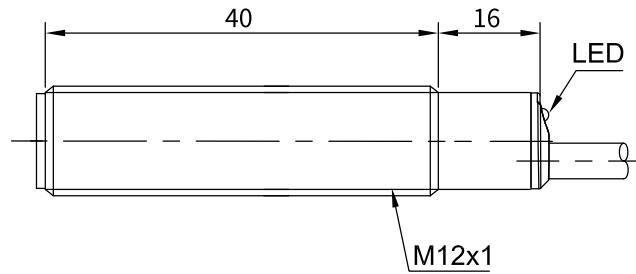
Safety Warning

- Do not use in an environment with flammable, explosive or corrosive gases.
- Do not use in an environment with oil or chemicals.
- Do not use in an environment with high humidity.
- Do not use in direct sunlight.
- Do not use under other environmental conditions that exceed the rated value.
- Do not disassemble, repair or modify the product without permission.

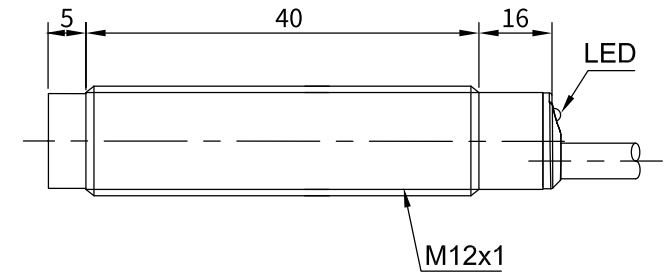
End-of-life Disposal

When the product is disposed of, please dispose of it as industrial waste.

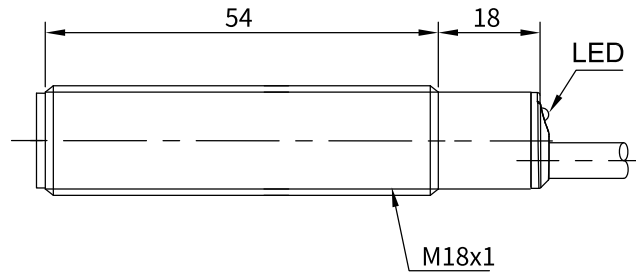
Product Size



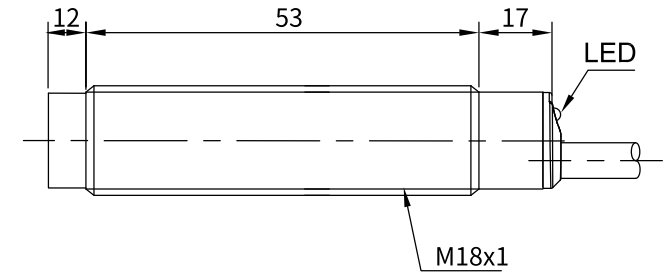
M12 Embedded



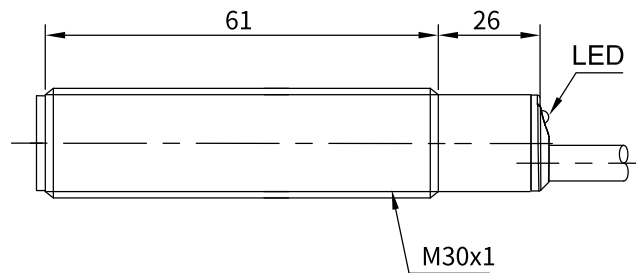
M12 Non Embedded



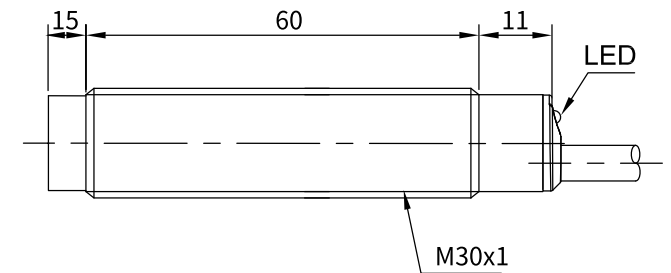
M18 Embedded



M18 Non Embedded



M30 Embedded

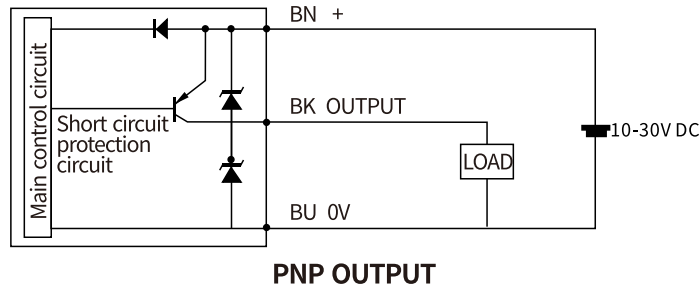
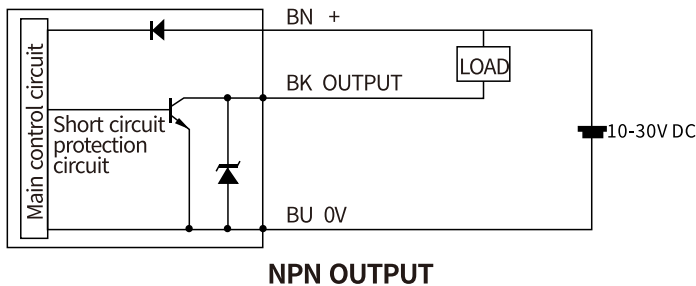


M30 Non Embedded

Specification

Installation Method		● Embedded		● Non Embedded		● Embedded		● Non Embedded		● Embedded		● Non Embedded	
Detection Distance		2mm	3mm	4mm	6mm	5mm	8mm	8mm	15mm	10mm	20mm	15mm	30mm
Model	NPN.NO	FKY12-02N-S	FKY12-03N-S	FKY12-04N	FKY12-06N	FKY18-05N-S	FKY18-08N-S	FKY18-08N	FKY18-15N	FKY30-10N-S	FKY30-20N-S	FKY30-15N	FKY30-30N
	NPN.NC	FKY12-02NA-S	FKY12-03NA-S	FKY12-04NA	FKY12-06NA	FKY18-05NA-S	FKY18-08NA-S	FKY18-08NA	FKY18-15NA	FKY30-10NA-S	FKY30-20NA-S	FKY30-15NA	FKY30-30NA
	PNP.NO	FKY12-02P-S	FKY12-03P-S	FKY12-04P	FKY12-06P	FKY18-05P-S	FKY18-08P-S	FKY18-08P	FKY18-15P	FKY30-10P-S	FKY30-20P-S	FKY30-15P	FKY30-30P
	PNP.NC	FKY12-02PA-S	FKY12-03PA-S	FKY12-04PA	FKY12-06PA	FKY18-05PA-S	FKY18-08PA-S	FKY18-08PA	FKY18-15PA	FKY30-10PA-S	FKY30-20PA-S	FKY30-15PA	FKY30-30PA
supply Voltage		10~30VDC											
Light Source		< ±20% Sr											
LOAD		<200mA											
Pressure Drop		<2.5V											
Consumption Current		<15mA											
Return Range		3~20%											
Repeatability		<3%											
Response Time		50Hz											
Output Indication		LED											
Built in Protection		Short circuit protection / overload protection / polarity protection / 10-30V wide voltage protection											
Impulse Withstand Voltage		1000V/AC 50/60Hz 60s											
Ambient Temperature		-25~+70°C											
Ambient Humidity		35~95%											
Protection Grade		IP65											
Shell Material		PBT											
Connection Method		2m PVC cable											

Wiring Guidelines



Product specifications are subject to change without notice.
For more information or if you have any questions or suggestions about this product,
please feel free to contact us.