Plastic square shape photoelectric sensors **PSF** series



Features

- ◆ Retro reflection working principle;
- ◆Excellent anti-interference performance
- ◆High detection accuracy

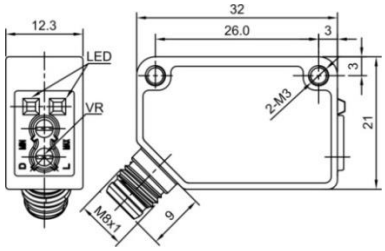
Part number

NPN	NO	PSF-DM2DNO-E1	PNP	NO	PSF-DM2DPO-E1
NPN	NC	PSF-DM2DNC-E1	PNP	NC	PSF-DM2DPC-E1
NPN	NO/NC	PSF-DM2DNB-E1	PNP	NO/NC	PSF-DM2DPB-E1

Technical specifications

Detection type	Retro reflection	Consumption current	≤25mA
Rated distance [Sn]	2m (adjustable)	Circuit protection	Short-circuit, overload and reverse polarity
Standard target	TD-09 reflector	Response time	< 1ms
Light source	Infrared LED (880nm)	Output indicator	Yellow LED
Dimensions	32mm *21 mm *12.3mm	Ambient temperature	-15℃…+55℃
Output	NO/NC(depends on part No.)	Ambient humidity	35-85%RH (non-condensing)
Supply voltage	12…24 VDC	Voltage withstand	1000V/AC 50/60Hz 60s
Target	Opaque object	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range [%/Sr]	……	Vibration resistance	10…50Hz (0.5mm)
Repeat accuracy [R]	⩽5%	Degree of protection	IP67
Load current	⩽100mA	Housing material	PC/ABS
Residual voltage	⩽2.5V	Connection type	M8 Connector

Dimensions



Wiring diagram

