## **Characteristic:**

- •Special line-out design for bending resistance and tensile. It will upgrade the durability and life.
- •The IP67 rating is designed to the effective waterproof.
- •Surge suppressor and overload protection .



Model NPN N.O. / N.C. PNP N.O. / N.C.	PSC1805-NP	PSC1808-NP
Sensing distance	5 mm ±10%	8 mm ±10%
Secure <u>sen</u> sing distance	0 ~ 4.0 mm	0 ~ 9.6 mm
Standard sensing object	Iron / 18	× 18 × 1 mm
Sensing type	Shielded	Unshielded
Description	Standard M18	
Hysteresis	≦10 % of sensing distance	
Response time	600 Hz	
Operating voltage	DC 12 ~ 30 V	
Current consumption	≦ 14 mA no-load	
Load current	100 mA Max. at DC 24V	
Residual voltage	≦ DC 2V	
Insulation resistance	20MΩ min. (DC500V)	
Voltage withstandability	AC1000V 60Hz for 60 Sec.	
Operating temperature	-20°C ~ + 60°C	
Protection degree	IP 67	
Option	M124R-PVC-2M	
Wiring method	Ø5.2 x 2M / 4 wires	Ø5.2 x 2M / 4 wires
Weight	93g	92g
Wiring diagrams  -NP  BROWN SHOCK NPN.NO WHITE SHOPNP.NO OV NPN.NC PNP.NC DC12~30V DC12~30V	M18 P1  O.6  white and length/ 34.4  over all length/ 34.5  Flexible protective tube  Ø5.2  2M Cable	M18 P1  Thread length/ 27.5  over all length/ 47.5  Flexible protective tube  Ø5.2  2M Cable