



SPM18DP4EC2

Product	Photoelectric Sensor
Serial	SPM Series Photoelectric Sensor
Body Material	Plastic
Type	Diffuse Reflection
Output/Contact Type	NPN-NO/NC
Sensing Distance	400mm
Feature	with LED
Connection Type	2m Cable
Connection / Nominal Dimension	M18
Operational Voltage	10-30V DC
Insulation Voltage (Ui)	1500 VAC
Impulse Withstand Voltage (Uimp)	75V DC
Operating Temperature	-5°C...+55°C
Pollution Degree	3
Protection Degree	IP65
Hysteresis	<15% Sr (effective operating distance)
Number of Contact	1
Repeat Accuracy	<0,1 Sr
Switching Frequency	2 ms (Response Time)
Reverse Polarity Protection	Available
Short Circuit Protection	Available
Max. Load Current	200 mA hiccup
Temperature Drift	<0,1 Sr
Time Delay Before Availability	≤100 ms
No Load Current	< 15 mA
Leakage Current	≤0,5mA
Min. Load Current	< 1mA

Voltage Drop	< 2 V
Ripple (Voltage)	< %10
EMC	61000-4-3 3V/m -- 61000-4-6 3
Conditional Short Circuit Current	100A
Usage Category - Operating Current	DC13 - 200mA
Sensing Face	PC
Number of Cable and Cable Section	4 x 0,25 mm ²
Specifications	Fast switching
	Resistant to friction and attrition
	Short circuit and overload protection
	Reverse polarity protection
   	

