



SIM18FM1PC2

Sensing Distance	5mm
Sensing Face	PBT
Switching Frequency	800 Hz
Connection Type	2m Cable
Operational Voltage	10-30V DC
Product	Inductive Sensor
Type	Flush
Mounting	Flush
Dia	M18
Insulation Voltage	Ui 1500 VAC
Impulse Withstand Voltage	Uimp 75V DC
Operating Temperature	-25°C...+70°C
Pollution Degree	3
Protection Degree	IP67
Hysterisis	<%15 Sr (effective operating distance)
Number of Contact	1
Repeat Accuracy	<0,1 Sr
Output/Contact Type	PNP-NO
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
Body Material	Metal
Number of Cable and Cable Section	3 x 0,34 mm ²
Serial	SIM Series
Specifications	Rapid switching
	Easy to install
	Short circuit and overload protection
	Reverse polarity protection
   	