


**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	<b>Ui</b>	1500 VAC
Impulse Withstand Voltage	<b>Uimp</b>	75V DC
Operating Temperature		-25°C...+70°C
Pollution Degree		3
Protection Degree		IP67
Hysteresis		<%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

<b>EMC</b>	61000-4-3 3V/m -- 61000-4-6 3
<b>Conditional Short Circuit Current</b>	100A
<b>Usage Category - Operating Current</b>	DC13 - 200mA
<b>Body Material</b>	Metal
<b>Number of Cable and Cable Section</b>	3 x 0,34 mm <sup>2</sup>
<b>Serial</b>	SIM Series
<b>Specifications</b>	Rapid switching
	Easy to install
	Short circuit and overload protection
	Reverse polarity protection
   	