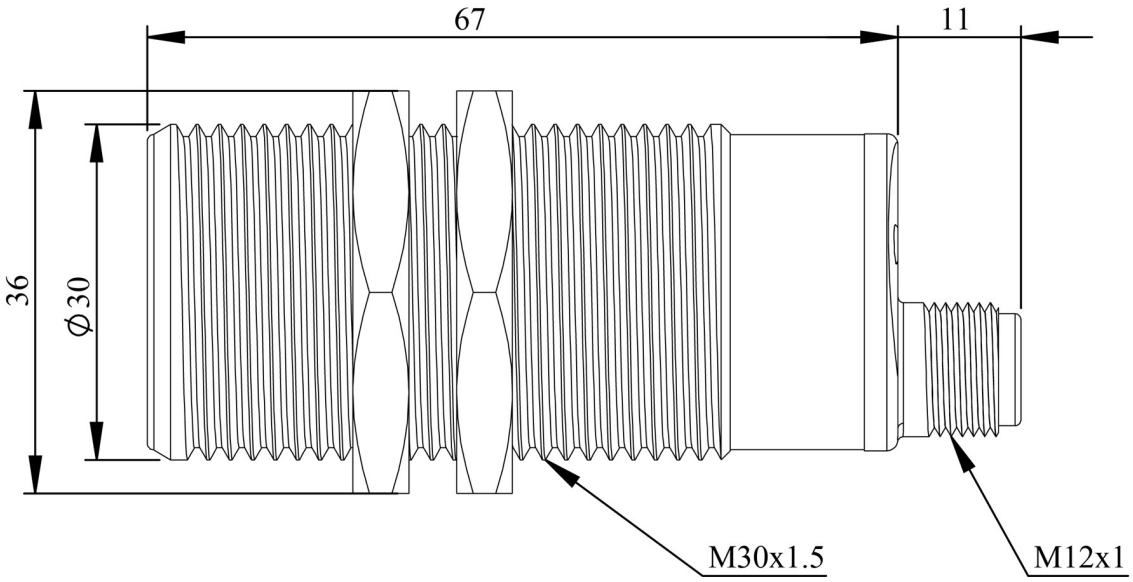


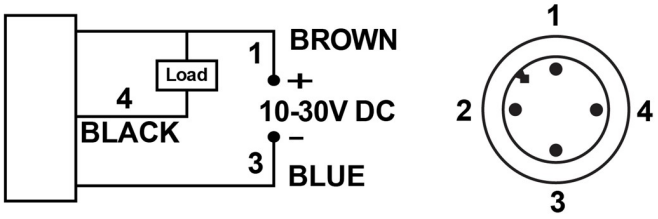


SIM30FM1OSX	
Product	Inductive Sensor
Serial	SIM Series Inductive Sensor
Body Material	Metal
Type	Flush
Output/Contact Type	NPN-NC
Sensing Distance	10mm
Connection Type	M12 Connector
Connection / Nominal Dimension	M30
Mounting	Flush
Operational Voltage	10-30V DC
Insulation Voltage (Ui)	1500 VAC
Impulse 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
Switching Frequency	400 Hz
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	PBT
Specifications	Fast switching
	Resistant to friction and attrition
	With Cable and Connector models
	Short circuit and overload protection
	Reverse polarity protection




67
11
36
Φ30
M30x1.5
M12x1


Load
1
BROWN
+
10-30V DC
–
3
BLUE
4
BLACK
1
2
4
3