


Technical Data for SICON.PLUG AI SIM

TECHNICAL DATA 	
MECHANICAL DATA	
Material	Housing: PC UL 94 V0, seal: TPE
Dimensions	90mm x 43mm x 26mm with tabs for M3 screws
Weight	300g
ELECTRICAL DATA	
Operating Voltage	24V DC +/- 20%
Current Consumption	100mA
Signal Contact	Potential-free contact for warnings up to 30V / max. 750mA
Protection Class	III according to DIN EN 61140
Pollution Protection	Yes
COMMUNICATION INTERFACES	
Care and pt. Contact	M12 / 5-pin connector A-coded
Ethernet	RJ45 socket 10Mbit / s
WLAN	2.4 GHZ with antenna
Pressure Connection	2x plug connection for hose outside diameter 6 mm
Operator Interface	3x LED and 1x button
INTEGRATED SENSORS	
Pressure Sensor	1 x pressure sensors with measuring up to 8bar 1 x vacuum sensors with measuring range down to -1000mbar / max. Overpressure 2 bar
Acceleration Sensor	3-axis acceleration and rotation rate sensor +/- 2g
ENVIRONMENTAL CONDITIONS	
Ambient Temperature	0 ° C to + 50 ° C
Degree Of Protection	IP 40
APPROVALS/EXAMS	
EMV	CE /EMV/ RoHs