Product datasheet
Characteristics

ACW1M129012
pressure switch ACW 7.6 bar - adjustable scale 2 thresholds - 1CO



Main

Range of product	OsiSense XM
Pressure sensor name	ACW
Pressure sensor type	Electromechanical pressure sensor
Product specific application	For regulation between 2 thresholds
Scale type	Adjustable differential
Contacts type and composition	1 C/O, snap action
Cable entry	1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 9...13 mm conforming to NF C 68-300
Fluid connection type	G 1/4 (female) conforming to ISO 228
Materials in contact with fluid	Phosphor bronze
Pressure sensor size	7.6 bar
Adjustable range of switching point on falling pressure	0.07...7.6 bar
Adjustable range of switching point on rising pressure	0.57...9.6 bar
Pressure actuator	Bellows
Electrical circuit type	Control circuit

Complementary

Electrical connection	Screw-clamp terminals, 1 x 1...2 x 2.5 mm²
Controlled fluid	Air (-73...125 °C) Hydraulic oil (-73...125 °C) Non-corrosive fluid (-73...125 °C)
Short circuit protection	10 A by gG cartridge fuse
Enclosure material	Zinc alloy
Possible differential minimum at low setting	0.5 bar
Possible differential minimum at high setting	0.5 bar
Possible differential maximum at low setting	2 bar
Possible differential maximum at high setting	2 bar
Maximum permissible pressure - per cycle	17 bar
Mechanical durability	1000000 cycles
Setting	External
Local display	Without
Terminals description ISO n°1	(1-2)NC (3-4)NO
Width	88 mm
Height	167 mm
Depth	68 mm
Product weight	1.55 kg

Environment

protective treatment	TC
standards	CE EN/IEC 60947-5-1
product certifications	CSA UL recognized EAC
IP degree of protection	IP65 conforming to EN/IEC 60529
ambient air temperature for operation	-56...85 °C

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Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant

Contractual warranty

Warranty period	18 months