

Product data sheet

ACW28M119012

Pressure switch, ACW, pressure range 12 bar, adjustable scale, 2CO, 0.07 A, 2 thresholds

Main

Range of product	Telemecanique Pressure sensors XM
Pressure sensor type	Electromechanical pressure sensor
Product or component type	Electromechanical pressure sensor
Pressure sensor name	ACW
Product specific application	For regulation between 2 thresholds
ETIM classification	ETIM 9 - EC000243 - Pressure switch
Enclosure material	Zinc alloy
Materials in contact with fluid	Phosphor bronze
Pressure sensor size	12 Bar
Maximum permissible pressure - per cycle	17 Bar
Pressure actuator	Bellows
Possible differential minimum at low setting	1 Bar
Possible differential maximum at high setting	2.8 Bar
Possible differential minimum at high setting	1 Bar
Controlled fluid	Air (-73-125 °C), hydraulic oil (-73-125 °C), non-corrosive fluid (-73-125 °C)
Fluid connection type	G 1/4 (female) conforming to ISO 228
Local display	Without
Scale type	Adjustable differential
Setting	External
Product certifications	CSA UL recognized
Standards	CE IEC 60947-5-1
Indivisible sale quantity	1

Complementary

Mechanical durability	1000000 cycles
Cable entry	1 entry tapped for ISO M20 cable gland

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm²
Electrical circuit type	Control circuit
Contacts type and composition	2 C/O simultaneous, snap action
Terminals description ISO n°1	(1-2)NC (3-4)NO
Short-circuit protection	10 A cartridge fuse, type gG
Adjustable range of switching point on rising pressure	2.4000...14.8000 bar
Adjustable range of switching point on falling pressure	1.4000...12.0000 bar
Possible differential maximum at low setting	2.8 Bar
Height	167 mm
Width	88 mm
Depth	68 mm
Product weight	1.55 kg

Environment

IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	-56...85 °C
Protective treatment	TC

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Warranty

Warranty	18 months

Packing Units

Country of origin	CZ (Czech Republic) FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916026823
Package 1 height	7.5 cm
Package 1 width	10 cm
Package 1 length	20.5 cm
Package 1 weight	1.55 kg
Unit type of package 2	CAR
Number of units in package 2	1

New Package 2 GTIN 14	13666916026820
Package 2 height	7.5 cm
Package 2 width	20.5 cm
Package 2 length	10 cm
Package 2 weight	1.542 kg
New Package 3 GTIN 14	23666916026827