

# Product data sheet

Specifications



## Pressure sensors XM, pressostat, with 0,07 to 7,6 bars, ACW5

ACW5M119012

### Main

Range of product	Telemecanique Pressure sensors 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 ISO M20 cable gland
Fluid connection type	G 1/4 (female) conforming to ISO 228
Materials in contact with fluid	Phosphor bronze
Pressure rating	5.2 bar
Adjustable range of switching point on falling pressure	0.07...5.2 bar
Adjustable range of switching point on rising pressure	0.37...6.2 bar
Pressure actuator	Bellows
Electrical circuit type	Control circuit

### Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 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 cartridge fuse, type gG
Enclosure material	Zinc alloy
Possible differential minimum at low setting	0.3 bar
Possible differential minimum at high setting	0.3 bar
Possible differential maximum at low setting	1 bar
Possible differential maximum at high setting	1 bar

Maximum permissible pressure - per cycle	7 bar
Mechanical durability	1000000 cycles
Setting	External
Local display	Without
Terminals description ISO n°1	(3-4)NO (1-2)NC
Width	88 mm
Height	167 mm
Depth	68 mm
Net weight	1.55 kg

## Environment

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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.2 cm
Package 1 Width	10.5 cm
Package 1 Length	20.5 cm
Package 1 Weight	1.551 kg

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Recommended replacement(s)