



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 2 C/O simultaneous, 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 0.48...6.6 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 0.41 bar

Possible differential minimum at high setting 0.41 bar

Possible differential maximum at low setting 1.4 bar

Possible differential maximum at high setting 1.4 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	CE IEC 60947-5-1
Product certifications	UL recognized[RETURN]CSA
IP degree of protection	IP65 conforming to 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	7.5 cm
Package 1 Width	10.0 cm
Package 1 Length	20.5 cm
Package 1 Weight	1.542 kg

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com