

# Product data sheet

Specifications



## Pressure sensors XM, pressure switch ACW 12 bar, adjustable scale 2 thresholds, 2CO

ACW28M119012

### 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	12 bar
Adjustable range of switching point on falling pressure	1.4...12 bar
Adjustable range of switching point on rising pressure	2.4...14.8 bar
Pressure actuator	Bellows
Electrical circuit type	Control circuit

### Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm <sup>2</sup>
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	1 bar
Possible differential minimum at high setting	1 bar
Possible differential maximum at low setting	2.8 bar
Possible differential maximum at high setting	2.8 bar

<b>Maximum permissible pressure - per cycle</b>	17 bar
<b>Mechanical durability</b>	1000000 cycles
<b>Setting</b>	External
<b>Local display</b>	Without
<b>Terminals description ISO n°1</b>	(1-2)NC (3-4)NO
<b>Width</b>	88 mm
<b>Height</b>	167 mm
<b>Depth</b>	68 mm
<b>Net weight</b>	1.55 kg

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.5 cm
<b>Package 1 Width</b>	10.0 cm
<b>Package 1 Length</b>	20.5 cm
<b>Package 1 Weight</b>	1.542 kg

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Not applicable, out of EU RoHS legal scope
<b>California proposition 65</b>	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)