

# ACW25M129012

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



## 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 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 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 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	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	(1-2)NC (3-4)NO
Width	88 mm
Height	167 mm
Depth	68 mm
Net weight	1.55 kg

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. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Protective treatment	TC
Standards	IEC 60947-5-1 CE
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: 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>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
----------	-----------