

Pressure sensors XM, Electromechanical pressur sensor switch, 210 Bar adjustable



Main

Range of product	Telemecanique Pressure sensors XM
Pressure sensor name	ADW
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 3/8 (female) conforming to ISO 228
Materials in contact with fluid	Teflon Stainless steel Buna N Viton
Pressure rating	210 bar
Adjustable range of switching point on falling pressure	7...182 bar
Adjustable range of switching point on rising pressure	28...210 bar
Pressure actuator	Piston with Quad-Ring seal
Electrical circuit type	Control circuit

Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm ²
Controlled fluid	Air (-25...120 °C) Hydraulic oil (-25...120 °C) Other fluids (-25...120 °C)
Short-circuit protection	10 A cartridge fuse, type gG
Enclosure material	Zinc alloy
Possible differential minimum at low setting	28 bar
Possible differential minimum at high setting	14 bar
Possible differential maximum at low setting	21 bar
Possible differential maximum at high setting	34 bar
Maximum permissible pressure - per cycle	690 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	176 mm
Depth	68 mm
Net weight	1.88 kg

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Environment

Protective treatment	TC
Standards	IEC 60947-5-1 CE
Product certifications	CSA[RETURN]UL recognized
IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	-30...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	10.0 cm
Package 1 Length	20.0 cm
Package 1 Weight	1.736 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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com