

Product data sheet
Characteristics

ADW6M119012

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

Main

Range of product	Telemecanique Pressure sensors XM
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Pressure sensor name	ADW
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Pressure sensor type	Electromechanical pressure sensor
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Product specific application	For regulation between 2 thresholds
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Scale type	Adjustable differential
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Contacts type and composition	1 C/O snap action
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Cable entry	1 entry tapped for ISO M20 cable gland
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Fluid connection type	G 3/8 (female) conforming to ISO 228
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Materials in contact with fluid	Teflon Stainless steel Buna N Viton
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Pressure rating	210 bar
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Adjustable range of switching point on falling pressure	7...182 bar
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Adjustable range of switching point on rising pressure	28...210 bar
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Pressure actuator	Piston with Quad-Ring seal
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Electrical circuit type	Control circuit
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Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm ²
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Controlled fluid	Air (-25...120 °C) Hydraulic oil (-25...120 °C) Other fluids (-25...120 °C)
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Short-circuit protection	10 A cartridge fuse, type gG
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Enclosure material	Zinc alloy
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Possible differential minimum at low setting	28 bar
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Possible differential minimum at high setting	14 bar
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Possible differential maximum at low setting	21 bar
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Possible differential maximum at high setting	34 bar
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Maximum permissible pressure - per cycle	690 bar
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Mechanical durability	1000000 cycles
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Setting	External
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Local display	Without
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Terminals description ISO n°1	(3-4)NO (1-2)NC
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Width	88 mm
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Height	176 mm
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Depth	68 mm
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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: 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