

How to order

It takes two steps to order the ALS series valve monitor / limit switch boxes. First, select the housings based on the application environment. The ALS series valve monitor comes in three types of housings: one is an IP67 aluminum housings, suitable for various indoor and outdoor environments without special requirements; the second is an Ex d flameproof aluminum housings, used in gas and dust hazardous areas (Zone 1 and 21); the third is an Ex d flameproof stainless steel housings, for use in hazardous areas with corrosive and explosive gases (Zone 1). Second, choose the internal microswitches and sensors according to the signal requirements of the PLC or DCS system. The ALS series valve monitor offers three types of microswitches and sensors for selection. Below are the detailed technical specifications.

ALS-200	M2
Code of ACHEM limit switch	Microswitch / Sensor
Housings / Area Classification	Mechanical Switches:
<p>200 - Die-cast aluminum Dichromate conversion with Polyester power coated O-ring sealed Buna N O-ring, IP67, Type 4 4x, NEMA 4 4X Double cable entry 2-1/2" NPT (available with 2-1/2" BSPP ,M20 x 1.5) NAMUR shaft with ISO Bracket</p>	<p>M2 - 2SPDT 5A 125-250VAC Honeywell (only for 200)</p> <p>M2 - 2SPDT 16A 125-250VAC Honeywell (not for 200)</p> <p>M3 - 3SPDT 16A 125-250VAC Honeywell (not for 200)</p>
<p>300 - Die-cast aluminum Dichromate conversion with Polyester power coated O-ring sealed Buna N O-ring, IP67, Type 4 4x, NEMA 4 4X Double cable entry 2-1/2" NPT (available with 2-1/2" BSPP ,M20 x 1.5) NAMUR shaft with ISO Bracket</p>	<p>M4 - 4SPDT 16A 125-250VAC Honeywell (not for 200)</p> <p>M5 - 2DPDT 16A 125-250VAC CROUZET (not for 200)</p>
<p>400 - Die-cast aluminum Dichromate conversion with Polyester power coated O-ring sealed Buna N O-ring with flameproof structure, -20°C to +50°C ATEX, IECEx: II 2 G Ex db IIC T6 Gb, II 2 D Ex tb IIIC T85°C Db NAMUR shaft with ISO Bracket, IP66, Type 4 4x, NEMA 4 4X Double cable entry 2-3/4" NPT or BSPP (2-G1/2" or NPT, M20 x 1.5)</p>	<p>ML2 - Low Temp. -40°C 2SPDT 16A 125-250VAC Cherry (not for 200)</p> <p>Inductive Sensor: PP22 - 2-p+f NCB2-V3-No 8DCV, <=1mA (2 wire)</p>
<p>410 - Die-cast aluminum Dichromate conversion with Polyester power coated O-ring sealed Buna N O-ring with flameproof structure CSA: Class I, Division 1, Groups B, C, D T6, -40°C ≤ Ta ≤ 50°C NAMUR shaft with ISO Bracket, Type 4 and 4X Double cable entry 2*3/4 " -14 NPT, or 2*M20×1.5 (optional)</p>	<p>Magnet Sensor: QA23 - 2-ALMS (3 wire) 5-240 VAC/DC, <=300mA</p>
<p>600 - Stainless steel 304 or 316 with electrolytic polishing O-ring sealed Buna N O-ring with flameproof structure, -20°C to +50°C ATEX: II 2 G Ex db IIB T6 Gb or Ex db IIB T4 Gb NAMUR shaft with ISO Bracket, IP66, Type 4 4x, NEMA 4 4X Double cable entry 2-3/4" NPT or BSPP (2-G1/2" or NPT, M20 x 1.5)</p>	<p>QA23B12 - hermetically sealed reed switch 2SPDT ≤1A, 280VDC, 240VAC, 60VA</p> <p>QA222C12 - hermetically sealed reed switch 2SPST ≤3A, 250 VAC/DC, 120 VA</p>

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