

# APL-5 for Explosion Proof

## Features

- Aluminum die casting that is robust.
- Up to 20 terminal points
- With spring loaded cams, limit positions can be easily set without tools.
- High visibility dome indicator with a double sealed structure prevents water ingress in case of a dome failure.
- Variety of options are available.



## Specifications

<b>Material</b>	<ul style="list-style-type: none"> <li>• Standard: aluminium alloy</li> <li>• Option: stainless steel 316</li> </ul>
<b>Enclosure</b>	<ul style="list-style-type: none"> <li>• Standard: Ex db IIC T6, Ex ia IIC T6, Ex tb IIIC T85° / IP66, 67, Type 4X, 6</li> <li>• Option: watertight enclosure: IP68 (10 m, 72 hours)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• IECEx (Ex db IIC T6 Gb, Ex ia IIC T6 Gb, Ex tb IIIC T85°C Gb)</li> <li>• ATEX (II 2G Ex db IIC T6 Gb, II 2G Ex ia IIC T6 Gb, II 2G Ex tb IIIC T85°C Gb)</li> <li>• CSA (Class I, Division 1, Groups B,C,D T6; Class II, Division 1, Groups E,F,G; Class III)</li> <li>• EAC (1 Ex d IIC T6 Gb)</li> <li>• NEPSI (Ex d IIC T6 Gb, Ex tD A21 IP66/67)</li> <li>• KCs (Ex d IIC T6 IP67, Ex tD A21 IP67 T85°C)</li> <li>• CCC (Ex d IIC T6 Gb, Ex ia IIC T6 Gb, Ex tD A21 IP67 T85°C)</li> <li>• SIL 2/3</li> <li>• ABS, RMRS, RINA type approval</li> </ul> <p style="text-align: center;"> </p>
<b>Travel angle</b>	<ul style="list-style-type: none"> <li>• Standard: 0 - 90°</li> <li>• Option: 0 - 120°, 135°</li> </ul>
<b>Ambient temperature</b>	<ul style="list-style-type: none"> <li>• Standard: -20 to +80 °C</li> <li>• Low temp. option: -40 to +60 °C (APL-51X)      -25 to +60 °C (APL-52X)</li> <li style="margin-left: 100px;">-40 to +60 °C (APL-53X)                                  -50 to +60 °C (APL-5HX)</li> </ul>
<b>Cable entry</b>	<ul style="list-style-type: none"> <li>• 2 x NPT3/4", NPT1/2", M20</li> </ul>
<b>Switches</b>	<ul style="list-style-type: none"> <li>• 2-4 x mechanical switches or proximity sensors</li> </ul>
<b>Terminal strips</b>	<ul style="list-style-type: none"> <li>• Standard: 8 points</li> <li>• Option: 10, 12 points</li> </ul>
<b>Shaft</b>	<ul style="list-style-type: none"> <li>• Standard: stainless steel 304</li> <li>• Option: stainless steel 316</li> </ul>
<b>Control</b>	<ul style="list-style-type: none"> <li>• PIU: potentiometer (1 kΩ, 10 kΩ)</li> <li>• CPT: current position transmitter (output: 4-20 mA dc)</li> </ul>
<b>Indicator</b>	<ul style="list-style-type: none"> <li>• No indicator</li> <li>• 2-way, yellow (open) / red (close)</li> <li>• 2-way, green (open) / red (close)</li> <li>• 3-way, T-port, yellow (open) / red (close)</li> <li>• 3-way, T-port, green (open) / red (close)</li> <li>• 3-way, L-port, yellow (open) / red (close)</li> <li>• 3-way, L-port, green (open) / red (close)</li> <li>• Flag type (stainless steel 316, 316L option)</li> </ul>
<b>Bracket</b>	<ul style="list-style-type: none"> <li>• Standard: stainless steel 304 / Option: stainless steel 316</li> <li>-MBP-100 (30 x 80, H:20)    -MBP-300 (30 x 130, H:30)</li> <li>-MBP-200 (30 x 80, H:30)    -MBP-400 (30 x 130, H:50)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• Standard: 1.2 kg (without bracket)</li> <li>• Stainless steel 316: 3.1 kg (without bracket)</li> <li>• Stainless steel 316 &amp; flag type indicator: 3.4 kg (without bracket)</li> </ul>
<b>Coating</b>	<ul style="list-style-type: none"> <li>● Black (RAL 9005)</li> <li>● Other colors</li> <li>○ Nano coating (high corrosion resistance)</li> </ul>