



Instrument housing

7401

- Suitable for all PR head-mounted transmitters
- 3 conduit openings for relevant process connections via e.g. thermowell, flexible couplings, cable glands etc.
- Options: Aluminum with blind cover or window or 316 stainless steel with window
- Installation in harsh environments IP54-IP68



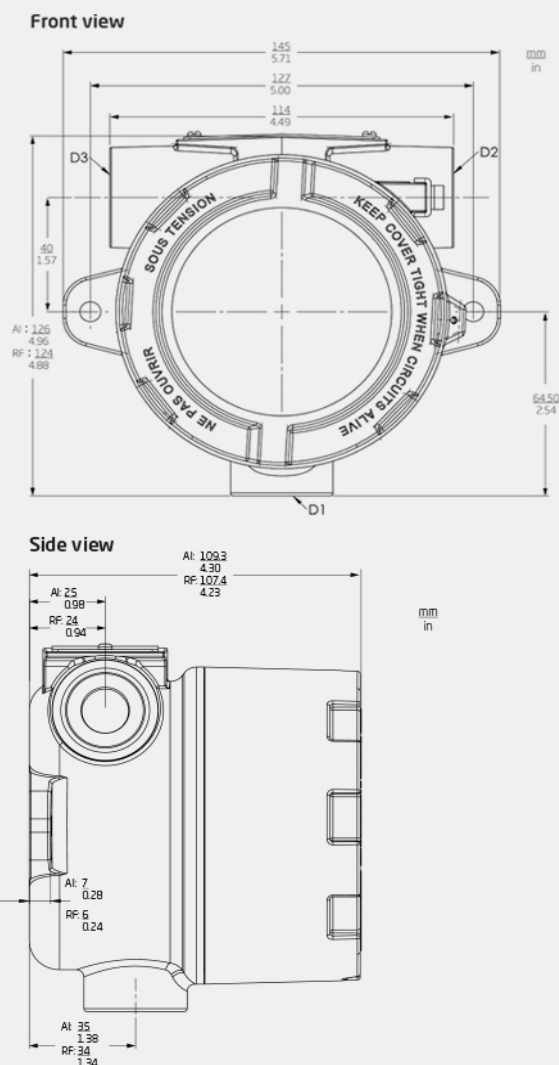
Application

- Enclosure for mounting of head-mounted transmitters.
- Suitable for Ex / I.S. installation in hazardous area according to the installation requirements of the specific transmitter.

Mounting / installation

- Mounting on 1.5"-2" pipe bracket or on wall / bulkhead.
- PR transmitters in the 53xx and 54xx series can be easily installed in the housing with the included metal plate. For Ex / I.S. installations, the installation instructions for the specific transmitter must be followed. Ex marking is shown on the label of the installed transmitter.

Applications



Order

Type	Housing	Window	O-ring	Conduit thread (D1, D2 & D3)	Paint type	Cover color
7401	Low copper aluminum (AL) : A	No : 1	-40 to +85°C silicone rubber : A	M20x1.5 6H : 1	Epoxy : A	Red : -
		Yes : 2	-20 to +85°C FKM rubber : B	½ NPT mod. : 2	Epoxy + polyurethane : B	Gray : GY
		Yes : 2				
7401	316 Stainless steel (RF) : B	Yes : 2	-40 to +85°C silicone rubber : A	M20x1.5 6H : 1	None : N	Steel : -
			-20 to +85°C FKM rubber : B	½ NPT mod. : 2		

Example: 7401A2B1A = Aluminum, window, FKM rubber O-ring, M20x1.5 6H conduit, epoxy, red

NB: Head-mounted transmitters must be ordered separately and can be installed in the housing by PR electronics on request.

Environmental Conditions

Operating temperature..... -40°C to +85°C (with silicone O-ring)
 Operating temperature..... -20°C to +85°C (with FKM O-ring)
 Storage temperature..... -40°C to +85°C
 Relative humidity..... 0...100% RH (condensing)
 Protection degree..... IP54 / IP66 / IP68 / type 4X

Mechanical specifications

Dimensions..... Ø 110 mm
 Dimensions (HxWxD), aluminum..... 109.3 x 145 x 126 mm
 Dimensions (HxWxD), stainless steel..... 107.4 x 145 x 124 mm
 Weight approx., aluminum / stainless steel..... 1.3 / 2.8 kg

Observed authority requirements

RoHS..... 2011/65/EU