

## Features

- Built in compliance with the construction and safety S2 specifications of standard EN 837-1
- Can be used with gaseous or liquid media that are not-corrosive to copper alloy.
- Dial size 63 mm
- IP67
- Glycerine Filled
- Back connection
- Stainless Steel Case
- Copper alloy socket and bourdon tube
- Polycarbonate Window
- 1/4" BSP-Male
- Range 0/16 bar

## RS PRO Bourdon tube pressure gauges anti-vibration version

RS Stock No.: 0179987



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## Product Description

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These instruments are built in compliance with the construction and safety S2 specifications of standard EN 837-1.

They are designed for use on power units, pump, hydro-cleaning machines, presses, engine compressors, turbines, diesel engines, refrigerating plants and on machines and equipment where pulsating pressures or mechanical vibrations are present.

They can be used with gaseous or liquid media that are not-corrosive to copper alloy and which do not have low viscosity or do not crystalize.

## General Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Mounting Type         | Back Entry                         |
| Display type          | Analogue                           |
| Series                | RS 1.10.3                          |
| Case Material         | Stainless Steel                    |
| Socket material       | Copper Alloy                       |
| Bourdon tube material | Copper Alloy                       |
| Window Material       | Polycarbonate                      |
| Ring Material         | Stainless steel, polished, crimped |
| Protection Degree     | IP67                               |

## Mechanical Specifications

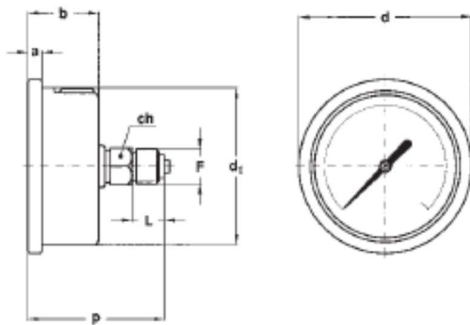
|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Pressure Range                   | 0 → 16 bar                                                        |
| Working Pressure                 | 75% of FSV for static pressure; 66% of FSV for pulsating pressure |
| Maximum Pressure Measurement     | 16 bar                                                            |
| Minimum Pressure Measurement     | 0 bar                                                             |
| Connection Size                  | ¼" BSP Male                                                       |
| Gauge Outside Diameter           | 63mm                                                              |
| Over pressure limit (15 min max) | 25% of FSV                                                        |
| Accuracy Class                   | 1,6 as per EN 837-1                                               |
| Minimum Operating Temperature    | 0°C                                                               |
| Maximum Operating Temperature    | +65°C                                                             |
| Calibrated                       | No                                                                |

## Approvals

|               |                                                           |
|---------------|-----------------------------------------------------------|
| Declarations  | Directive 2014/68/EU - Pressure Equipment Directive (PED) |
| Standards Met | EN 837-1                                                  |

## Technical Specifications and Drawings

### Filled Model – Back Connection



| F       | a   | b  | d  | d1   | p    | L  | ch     | Weight  |
|---------|-----|----|----|------|------|----|--------|---------|
| G 1/4"A | 5,6 | 28 | 68 | 62,6 | 54,8 | 13 | 14 x 9 | 0,21 kg |

Dimensions: mm