



## Pressure transducers DeltaFox DMU 11 D

Part no. 31830

Pressure transducers DeltaFox DMU 11 D Version for differential pressure measurement

### benefits

- compact design
- high overload safety
- mechanically robust and reliable, suitable for applications involving dynamic pressure changes as well as shock and vibration

### Application

For electronic differential pressure measurement in industrial applications. For corrosive gaseous and liquid media which are not highly viscous and do not crystallise.

### Technical Specifications

#### Measuring range

0/40 mbar

#### Operating temperature range

Medium: -25/+125 °C

Ambient: -25/+85 °C

Storage: -40/+100 °C

#### dynamic characteristics

Response time: < 5 ms

#### Process connection

2 x G½B EN 837-1/7.3

#### material

Housing: aluminium, eloxed, black

pressure connection: Stainless steel 316 L

diaphragm: Stainless steel 316 L

Seal: FKM (Viton)

#### Supply voltage

DC 12 – 36 V

#### Output signal

2-wire, 4–20 mA

### Options

- other process connections

#### Load

$$R_{\max} = [(UB - UB_{\min})/0.02 \text{ A}] \Omega$$

#### Current input

< 25 mA

#### electrical protection

short circuit proof and protected against reverse polarity

#### Electrical connection

Connector and junction box as per ISO 4400 (DIN 43650-A)

#### Degree of protection

IP 65 (EN 60529)

#### CE conformity

EMC Directive 2014/30/EU

RoHS Directive 2011/65/EU

Pressure Equipment Directive 2014/68/EU

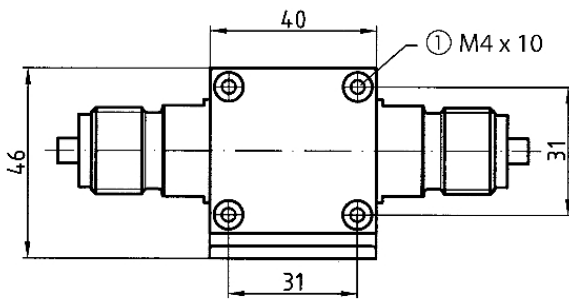
#### Scope of delivery

- pressure measuring instrument
- mounting bracket

- other electrical connections
- other seal materials
- other output signals
- Fitting of chemical seal

## Technical Drawings

DMU 11 D - connection 2 x G½B (EN 837)



**Dimensions (mm)**  
screw

## Versions

| Range | Measuring range | Type              | Version                                                                               | Part no. |
|-------|-----------------|-------------------|---------------------------------------------------------------------------------------|----------|
|       | 0/40 mbar       | DeltaFox DMU 11 D |  | 31830    |

-  in-stock items
-  Non-stock items