



Pressure transducer 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

see ordering table

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

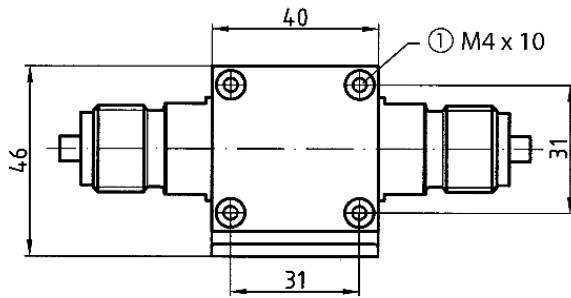
Scope of delivery

- 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 G $\frac{1}{2}$ B (EN 837)



Dimensions (mm)

screw

Versions

Range	Measuring range	Type	Version	Part no.
	0/40 mbar	DeltaFox DMU 11 D		31830
	0/60 mbar	DeltaFox DMU 11 D		31831
	0/100 mbar	DeltaFox DMU 11 D		31813
	0/160 mbar	DeltaFox DMU 11 D		31814
	0/250 mbar	DeltaFox DMU 11 D		31815
	0/400 mbar	DeltaFox DMU 11 D		31832
	0/600 mbar	DeltaFox DMU 11 D		31833
	0/1 bar	DeltaFox DMU 11 D		31816
	0/1.6 bar	DeltaFox DMU 11 D		31834
	0/2.5 bar	DeltaFox DMU 11 D		31817
	0/4 bar	DeltaFox DMU 11 D		31835
	0/6 bar	DeltaFox DMU 11 D		31818
	0/10 bar	DeltaFox DMU 11 D		31836
	0/16 bar	DeltaFox DMU 11 D		31837

-  in-stock items
-  Non-stock items