

# Mechanical Pressure Measurement

## Safety pressure gauge RSChgG 160 – 3v

As the demands on the extraction and transport of crude oil and natural gas over great distances, and the appropriate treatment continue to grow steadily, our pressure gauges also have to meet ever-higher application standards.

Especially for Arctic countries, where outside temperatures can drop to  $-60\text{ }^{\circ}\text{C}$  ( $-76\text{ }^{\circ}\text{F}$ ), we have now developed a safety pressure gauge that is able to brave such temperatures...

Our RSChgG 160 – 3v does not only withstand extreme temperatures down to  $-60\text{ }^{\circ}\text{C}$  ( $-76\text{ }^{\circ}\text{F}$ ), but also sandstorms, salt water or sea air. This pressure gauge can also be used in explosion hazardous areas.

for highly demanding outdoor  
measurement tasks  
down to  $-60\text{ }^{\circ}\text{C}$

### Features

- ◆ Applicable for ambient temperatures down to  $-60\text{ }^{\circ}\text{C}$  ( $-76\text{ }^{\circ}\text{F}$ )
- ◆ Crimped-on ring case case and connecting piece welded for increased safety
- ◆ Case filled with silicone oil to avoid condensation water

### Technical Data

#### Accuracy class

1.0

#### Nominal case size

160 mm (6")

#### Pressure ranges

$-1 / 0$  bar to  $0 - 2500$  bar  
( $-30$ " Hg /  $0$  psi to  $0 - 35,000$  psi)

#### Version

bottom connection

#### Safety category

S3 according to DIN EN 837-1

#### Permissible ambient temperature

$-60\text{ }^{\circ}\text{C}$  to  $+60\text{ }^{\circ}\text{C}$  ( $-76\text{ }^{\circ}\text{F}$  to  $+140\text{ }^{\circ}\text{F}$ )

#### Process connection

G  $\frac{1}{2}$  B

#### Wetted parts

stainless steel 316L



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