

FO A Series

Through hollow shaft compression sensor

Ref : 2343

Rev : A



DESCRIPTION

This compression sensor was specifically developed for a compression test application for drilling, but it is also used to calibrate piezzo sensors on high-capacity dynamic presses. This product exists in 2 scales: 100 KN and 200 KN.

Key Features:

- ✓ Very good static or dynamic behavior
- ✓ High stability
- ✓ Very robust
- ✓ Easy to use and cost-effective
- ✓ Perfect portability

TECHNICAL CHARACTERISTICS

| PARAMETERS | VALUES | COMMENTS |
|-----------------------|---|--------------------------------|
| Measurement range | 100 KN / 200 KN | |
| Max. overload | 120% FS | |
| Precision | 0.3% | |
| Output signal | 2 mV/V | |
| Operating temperature | -40°C to 127°C | |
| Power supply | 10 Vcc | |
| Dimensions | Ø38 internal / Ø76 external - Height 70mm | |
| Protection | IP67 | |
| Construction material | Stainless steel body with external protection in AU4G | |
| Connection | Connector or output cable 5m | <i>Other length on request</i> |

Codification example:

| FO A 100KN EXT 10M | FO A 200KN |
|---|--------------------------------------|
| Version 100 KN with cable output by cable gland Length 10 meters | Version 200 KN with connector output |

STANDARD ACCESSORIES

Product delivered with:

- ✓ 5-point measurement reading
- ✓ Conformity certificate
- ✓ Possibility to associate it with a DIN rail transmitter or directly with a portable display (PNFO type) with carrying case



CONTACT

MESUREX

13 Rue des Corroyés
78730 Saint Arnoult en Yvelines (France)

Tel : +33 (0) 1 30 41 23 62

Mail : mesurex@mesurex.fr

Web : www.mesurex.fr