



os600-701 Sensor Pictured Top & Above

os600-702 Sensor with Optical Feedthrough Extension Bars and Carrier Pictured Top & Above

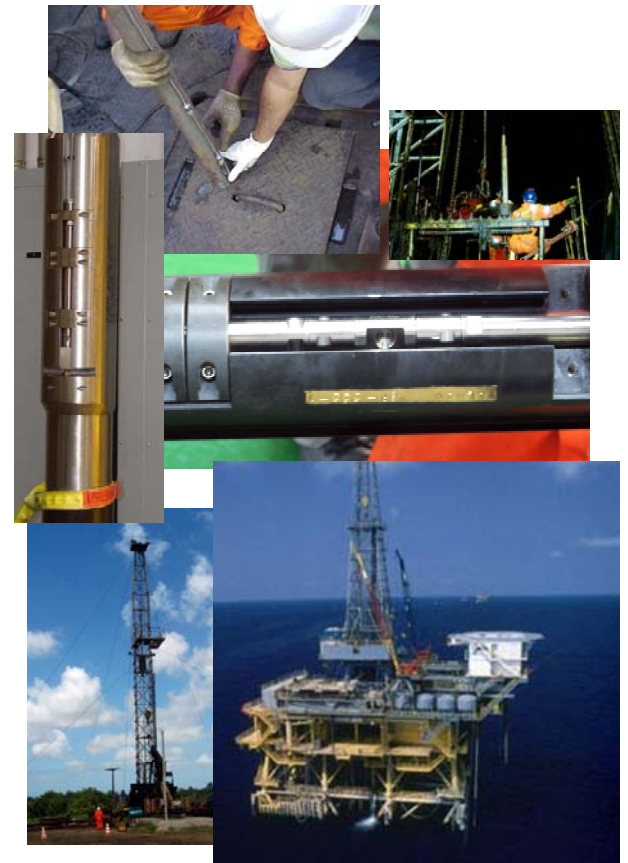
### Characteristics of the os600-700 Sensor & Carrier

#### os600-700 Series Sensors

- Based on Fiber Bragg Grating technology
- Annular pressure measurement
- Up to 6 sensors installed in series along a single optical cable (see os600-702)
- Optical feedthrough with metal-to-metal and elastomeric barriers

#### os600-709 Carrier (for os600-700 sensors)

- No welded parts
- AISI 4340
- Various ODs available, from 2 7/8" to 7"
- Minimum pressure rating equal to tubing string





**Specifications**

**os600-701**      **os600-702**  
 Single-Ended Sensor      Double-Ended Sensor

Calibrated Pressure Range	0-2500 psi
Over Pressure	3000 psi
Calibrated Temperature Range	25-100° C
Maximum Temperature	125° C
Pressure Accuracy	0.1% F.S.
Pressure Resolution	0.03% F.S.
Temperature Accuracy	±0.1° C
Temperature Resolution	0.05° C
Material	Inconel™ 718
Optical Connector	FC/APC
Insertion Loss	<1 dB

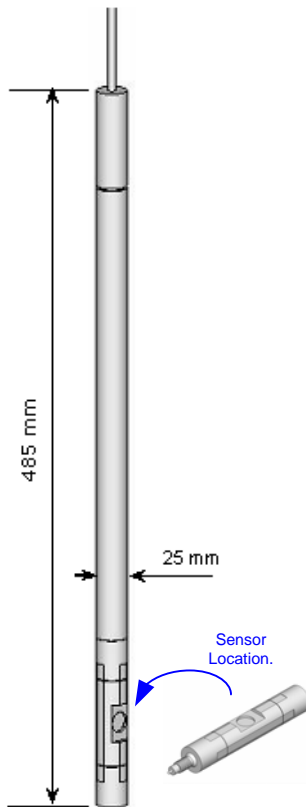


**os600-709**  
 Pressure and  
 Temperature  
 Gage Carrier

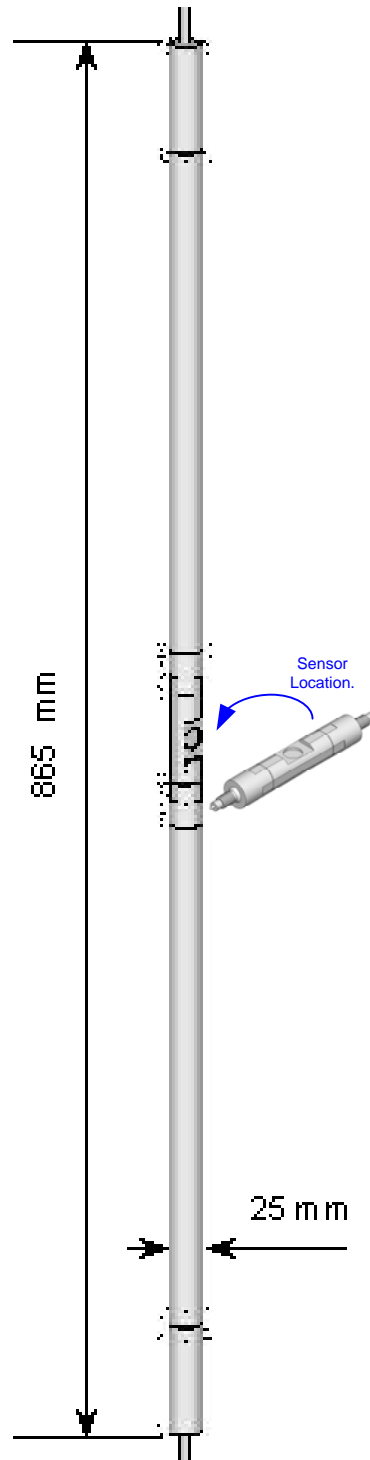
Available in  
 diameters from  
 2 7/8" up to 7"

(Not shown to scale)

Please contact  
 MOI for details.



An os600-701 sensor  
 shown installed in an  
 os700-707 Optical  
 Feedthrough  
 Extension Bar



An os600-702 sensor  
 shown installed in an  
 os700-708 Optical  
 Feedthrough  
 Extension Bar

Please contact MOI for details.