



DMP 457

Pressure Transmitter for Shipbuilding and Offshore

- ▶ piezoresistive stainless steel sensor
- ▶ accuracy:
0.175% / 0.125% FSO BFSL
(0.350% / 0.250% FSO IEC 60770)
- ▶ nominal pressure ranges
from 0 ... 40 mbar
up to 0 ... 600 bar

*Type: 454
CODE: 600-1602-E-3-610-300-1-000
OUT PUT: 0-20 mA
Pressioe: 0-16 bar.*

The pressure transmitter DMP 457 has been designed for rough conditions occurring especially in shipbuilding and offshore applications.

Sensor element is a piezoresistive stainless steel sensor with high accuracy and excellent long term stability.

All gaseous and liquid media, which are compatible with stainless steel 1.4571 (316Ti) respectively 1.4435 (316L) and FKM, can be used.

In order to meet the special requirements for shipbuilding and offshore applications extensive tests had to be passed to get the Germanischer Lloyd (GL) and Det Norske Veritas (DNV) approvals.

Typical areas of use for shipbuilding / offshore are:

- ▶ diesel engines
- ▶ gears
- ▶ compressors
- ▶ pumps
- ▶ boilers
- ▶ hydraulic and pneumatic controls
- ▶ elevators

- ▶ small thermal effect
- ▶ excellent linearity
- ▶ option: flush pressure port
- ▶ in preparation:
option Ex: II 1 G EEx ia IIC T4
(TÜV 03 ATEX 2006 X)
- ▶ customer specific versions:
 - special pressure ranges
 - other versions on request

Characteristics

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