



OIL & GAS



NUCLEAR



CHEMICAL

NUOVA FIMA



Italy
 General Headquarters:
 NUOVA FIMA S.p.A.
 P.O. BOX 58 Via Cesare Battisti, 59 - 28045 Inverio (NO) Italy
 Tel. +39 0322.253200 - Fax +39 0322.253232
 http://www.nuovafima.com - E-mail: info@nuovafima.com

Spain
 NUOVA FIMA S.A.
 Can Salvà s/n - 17404 Riells i Viabrea - (Girona) Spain
 Tel. +34 972.870700 - Fax +34 972.871100
 E-mail: infosp@nuovafima.com

Argentina
 NUOVA FIMA América Latina S.A.
 Eduardo Sívori 5106 - B1605AVJ - Munro - Buenos Aires - Argentina
 Tel. +54 11 4762-6969 - Fax +54 11 4756-7171
 E-mail: infoal@nuovafima.com.ar

Brazil
 NUOVA FIMA DO BRASIL LTDA.
 Rua Major Otaviano, nº 210 - Belenzinho - 03054-050 - São Paulo - Brazil
 Tel. +55 11 2916-5234 - Fax +55 11 2916-4655
 E-mail: infobr@nuovafima.com.br

USA
 NUOVA FIMA USA INC.
 4123 Hollister, Suite G - Houston, TX 77080 - United States of America
 Tel. +1 713.690.9800 - Fax +1 713.690.9803
 E-mail: infousa@nuovafima.com



www.nuovafima.com

YOU CAN RELY ON



NUOVA FIMA leads the field by far in Italy; in the plant engineering sector it competes on even footing with key competitors from across the globe. The group now employs 230 people at its head office in Inverio, Italy and branches in Spain, Argentina, Brazil and USA. Its Human Resources - and their priceless stock of skills, creativity and experience - are the company's real strength for the future.

First class products and manufacturing processes are just two of the secrets of FIMA's success: leading companies around the world choose NUOVA FIMA because they know they can rely on a comprehensive range of instruments for pressure and temperature measurement and control.

As well as pressure gauges and thermometers, NUOVA FIMA produces diaphragm seals, pressure switches, capsule gauges and gauges with diaphragm, differential pressure gauges and pressure switches, electronic pressure transmitters, thermowells and a vast range of special accessories designed to exploit the performance of its principal products to the full.

Over the years NUOVA FIMA has developed tried-and-tested procedures which enable it to meet even most demanding customer's requirements. Those who work with NUOVA FIMA know they can count on first class service, punctual deliveries and wholly reliable Technical Documentation.



Compliance to directives of Economic European Community



Chinese Pattern Approval (China)



Compliance to CAN/CSA (Canada) and to UL (USA) standards



Compliance to FDA Standards (USA)



Compliance to 74-02 standard of SA association (Sanitary Standards Symbol Administrative Council-USA)



UDT pattern approval (Poland)



Compliance to ATEX 94/9/CE directive (ECC)



Compliance to GOST standards (Russia)

**INCONEL 625
 PRESSURE GAUGE**



EXCELLENT RESISTANCE TO:

- pitting and crevice corrosion in sea water applications
- chloride stress corrosion cracking
- thermal-fatigue & oxidation



INCONEL 625
PRESSURE GAUGE
DS100-150



The level of resistance to the corrosive fluids is excellent, which allows the installation of the instrument without diaphragm seals. The benefit is that the risk of leakage is minimized, and chemical reactions are avoided with separating fluids. Thereby improving the measuring response and accuracy.

corrosion resistance
(CPT index based)

These instruments are engineered to resist pulsating pressures up to the full scale range. Successfully adhering to all referenced standard testing procedures.

pulsation resistance
(lifespan index)

The 0.6 accuracy class is achieved according to the EN837-1 standards, this along with the low hysteresis allows lab measurements to be performed directly on site.

metrological features
(accuracy class index)

The low thermal drift of the sensing element $\pm 0,2\% / 10\text{ C}$ does not affect the quality of measurement accuracy. Consistent accuracy is provided across all ranges, both in operating and ambient temperatures.

thermal stability
(thermal drift index)

The excellent mechanical resistance guarantees long instrument life, even under the most demanding working conditions with pressure ranges from 0...60, to 0...400 bar. The resistance to overpressure is up to 50% of the full scale range making the plant start up and maintenance operations easier.

mechanical features
(mechanical quality index)

With operating temperatures ranging from -100 to $+150\text{C}$, the wide range of performance, guarantees measurement accuracy. The workplace is also addressed by providing an added degree of safety to the personnel and the surroundings.

temperature range
(°C)

