



TYPE APPROVAL CERTIFICATE
No. ELE216108CS/006



This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

| | |
|-----------------------------|---|
| <i>Description</i> | Pressure transmitters |
| <i>Type</i> | 8212 |
| <i>Applicant</i> | TRAFAG AG Sensors and Controls Emil-Staub-Strasse 1, CH-8708 Mannedorf SWITZERLAND |
| <i>Manufacturer</i> | TRAFAG AG Sensors and Controls |
| <i>Place of manufacture</i> | Emil-Staub-Strasse 1, CH-8708 Mannedorf SWITZERLAND |
| <i>Reference standards</i> | Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1. |

Issued in **Genoa** on **September 2, 2008**. This Certificate is valid until **September 2, 2013**

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Valerio Bonanni

This certificate consists of this page and 1 enclosure



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Main featuresPressure transmitter for relative pressure measurement: **8212**

Sensor: Thin film on steel (AISI 316L)

Accuracy: @ +25°C ± 0,5 FS

NLH @+25°C (BSL through 0): ± 0.3%

Housing: AlMgSi1

Signal output: 4-20 mA

Voltage supply: 24Vdc nom.

Protection: IP65

| NAVI- MINITRAG 8212 | | |
|---------------------|-----------------------|-------------------------|
| Range (bar) | Overpressure (bar) | Burst pressure (Bar) |
| 0 ... 1,6 | 6 | 100 |
| 0 ... 2.5 | 6 | 100 |
| 0 ... 4.0 | 10 | 100 |
| 0 ... 6.0 | 15 | 100 |
| 0 ... 10 | 20 | 200 |
| 0 ... 16 | 32 | 200 |
| 0 ... 25 | 80 | 300 |
| 0 ... 40 | 80 | 300 |
| 0 ... 60 | 200 | 500 |
| 0 ... 100 | 200 | 500 |
| 0 ... 160 | 500 | 1000 |
| 0 ... 250 | 500 | 1000 |
| 0 ... 400 | 800 | 1500 |
| 0 ... 600 | 1000 | 2000 |

Technical description

DataSheet: 8212 Navi Minitrag H 8212; doc. n° 2.3.1.7 (12/2004)

Genova, 02/09/2008

