



TYPE APPROVAL CERTIFICATE
No. ELE216108CS/012



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>	ECOTRANS 8498
<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 **June 25, 2008**. *This Certificate is valid until* **June 25, 2013**


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This certificate consists of this page and 1 enclosure



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Main features

Pressure transmitter for relative or absolute pressure measurement: ECOTRANS 8498

Sensor: Thin film on ceramic (Al₂O₃);

O-Ring: FKM 70° Sh, CR, EPDM

Accuracy@ +25°C: ± 0,5 % FS

NLH@ +25°C (BSL through 0): <160bar: ± 0,3 % FS
>160bar: ± 0,5 % FS

Signal output: 4-20mA; 0...5Vdc; 0...10Vdc; 1...6Vdc; 0,5 ...4,5 Vdc (ration.)

Voltage Supply: 24Vdc nom.

Pressure connection / Housing : CuZn39Pb3 or AISI 316L

Protection: IP65

Range (bar)	Overpressure (bar)	Burst pressure (bar)
0...1,0	4	5
0...1,6	4	5
0...2,5	6	7,5
0... 4,0	10	12
0... 6,0	15	18
0... 10,0	25	30
0... 16,0	40	48
0...25,0	60	75
0...40,0	80	120
0...60,0	120	180
0...100,0	200	300
0...160,0	320	480
0...250,0	500	750

Technical description

DataSheet: 8498 Pressure Transmitter SPT; doc. n° 2.3.1.15 (10/2005)

