NAUDER SERVICE TECHNIQUE SYSTEMES DE NAVIGATION

Engineering Development Marketing Company **Complete Solution**

Pressure Transmitters series 27, 86 & 93

evel Measurement in Ballast & Service Tanks, Multipurpose Pressure Measurement N6922 series

Pressure transmitters series 27, 86 and 93 utilize the piezo-resistive pressure sensor. It is a fully active Wheatstone Bridge of resistors diffused in a crystal silicone chip.75 deb

The direct conversion of the pressure into an electrical signal is achieved by a minute deflection of sensor which changes the resistance of the bridge with the applied stress. Changes in pressure cause a corresponding change in the transmitter output in proportion to the bridge unbalance. A single electronic circuit supplies power to sensor and receives its signal providing conversion into a standard 4-20 mA[®]DC. The circuit card contains the span and zero adjustments.

Technical Data

 14_{-} Avant-Goulet

93 series

n Le Petitste

/144

16g

15.

86 series

4 400 42

Trédana

Measuring range from -1 up to 1000 bar Accuracy Output bn Camarel 10 EEx ia IIC T6 I.S. approval **Protection** bn CAMAR IP67/IP68 40°C ÷ +80°C **Operating temperature** bp Camaret-sur AISI 316 Material

Toulinguet

157 dea

2-

Camaret-sur-

No 315

<0.2% FS

4:20mA

180

 15_{-}