

NORDIC TRANSDUCER

Level transmitter Type TPL2C



TPL2C Pressure transmitter has been designed to be used as immersion level gauge applicable to different working realities such as control, regulation and monitoring.

Sensor installation contemplates its total immersion (IP68 protection class) at max. Silo depth, where measurements to determine non-dense substances level are going to be performed from. In order to allow such kind of installation, transmitter is manufactured with a custom cable length which depends on the immersion depth.

The sensitive part, in contact with pressure, is entirely made of 17-4 pH stainless steel which is corrosion-proof. High vacuum thermal treatments which stainless steel is subjected to, ensure sensor perfect functioning even in presence of highly dynamic stresses. Monolithic execution of measurement element, free from any assembling made through tight rings or gaskets, ensure a high stability with hysteresis and zero drift which are marginal. Pressures are internally detected through a complete strain gauge bridge which guarantees performances maintenance even in presence of peaks.

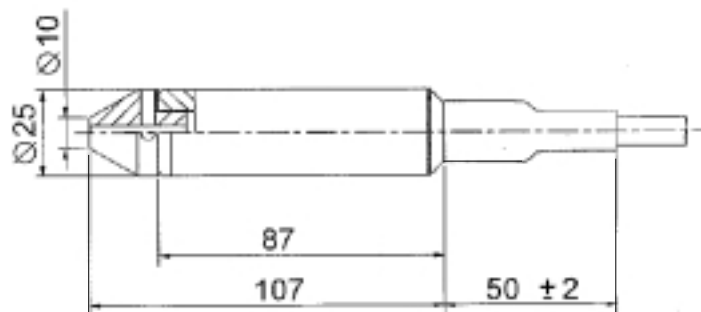
All pressure transducers are entirely LASER welded and completed resin capsulated to ensure both insensitiveness and a hermetic tight high degree. During the production cycle, pressure transducers are thermally compensated, tested and separately calibrated through completely automated stations which analyse and record all the parameters.

RELATIVE PRESSURE ®

0.3 - 0.4 - 0.5 - 1 - 2 - 3.5 - 5 - 7.5 - 10 - 20 bar
OUTPUT: 2WIRE 4..20mA
PROTECTION CLASS: (EN 60529) IP68
SENSOR MATERIAL: 17-4 PH

ELECTRICAL CONNECTION: 2 wire cable
AT ORDER: Polyurethane CABLE per meter

Dimensions in mm



NORDIC TRANSDUCER DENMARK
FAX. +45 98 58 18 66 TEL.: +45 98 58 14 44
E-mail: transducer@ntf.dk