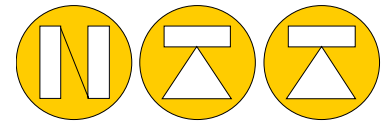


XB1 Housing



NORDIC TRANSDUCER

Extra robust, pressure, saltwater and corrosion-proof sensor housing as an alternative for the SB.. housings for especially harsh operating conditions, aggressive fluids and saltwater.

Description

The XB.. is an extra robust, pressure-, saltwater- and corrosion-proof stainless steel housing with an integrated sensor or sensors and one of the sensor electronic systems described for the SB.. sensor casings. The compact PG metal cable glands and relative small housing size enable the use of this high quality measuring system under especially harsh operating conditions.

Application

The XB.. is suited for taking precise inclination or acceleration measurements under harsh circumstances and returning of a 0...5V or a 4-20mA output signal depending on which sensor type mounted.

Areas of successful implementation include construction, mining, agricultural machinery, transportation and conveyor systems, ships, in aggressive fluids and in saltwater, in high pressure environments, operation and automation technology as well as general mechanical engineering.



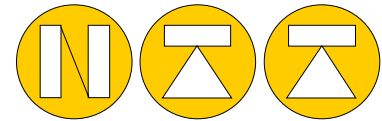
XB1 shown with SB1i-NG3 sensor and mounted with customer cable



XB1 shown with silicone filling inside with customer cable mounted also. Can be filled so screw terminals are free for customer own cable connection.

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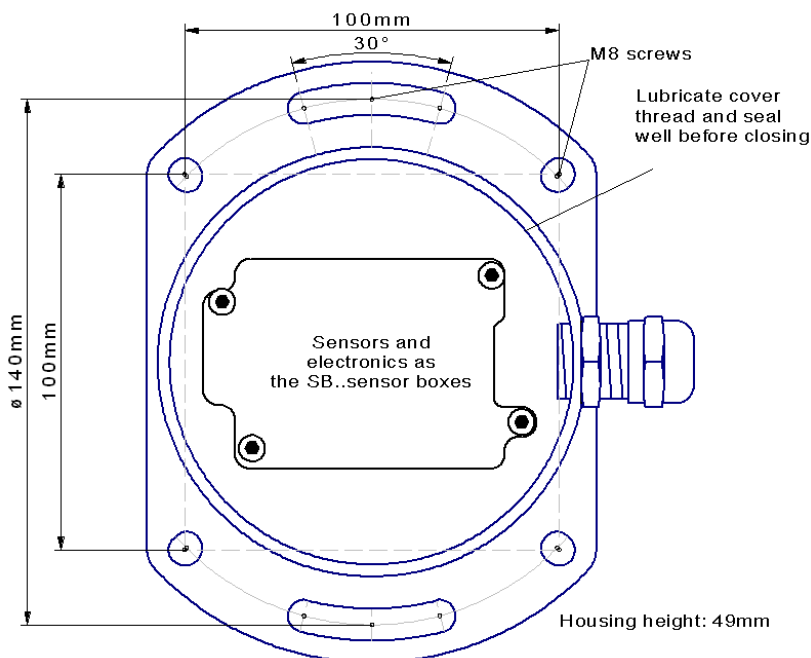


NORDIC TRANSDUCER

Technical Specifications

Housing material:	V4A (saltwater proof stainless steel)
Cable fixing:	PG9 cable gland, clamping range 8 - 10 mm
Compressive strength:	10 bar (1Mpa), 100m WS
Terminals	max.: 2 x 1,5 mm ²
Measuring range, Resolution, etc.:	dependent on implemented sensor
Mounting position:	any
Measuring planes (N.. sensor)	3 main housing planes
Measuring plane (NG.. sensor)	parallel to housing bottom
Measuring directions (B., BD.. sensor)	in X,Y,Z coordinates of housing
Electrical values:	according to installations in the according SB.housing
Operating temperature	-40...+85°C

Options: Custom measuring ranges, calibration protocol, silicon encapsulation sensor inside, custom wiring.



XB1 shown with SB1i-NG2-4 sensor mounted

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