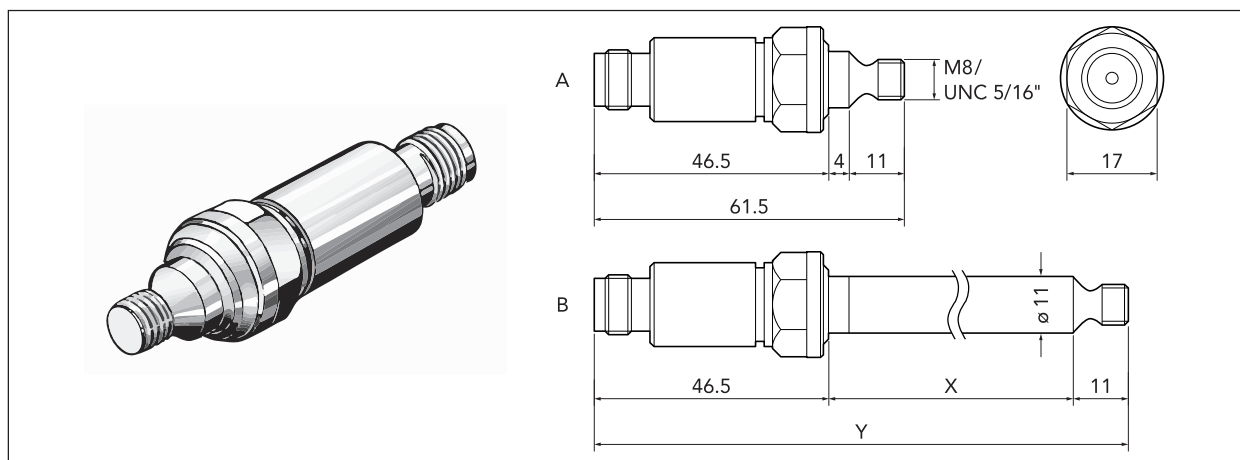


Standard shock pulse transducers



Standard shock pulse transducers are used in all permanent SPM installations for bearing monitoring. They are installed in countersunk mounting holes on the bearing housings.

A shock pulse transducer converts the shock pulses emitted by the bearing into electric signals. A coaxial cable connects the transducer to a measuring terminal or measuring unit. The maximum cable length is 4 m.

Transducer housing and base are made of stainless acid-proof steel, suitable for aggressive environments. The standard thread size is M8, with UNC 5/16" as an alternative. The standard length (A) is 61.5 mm. Extended transducers (B) are used to reach bearing housings beneath protective covers.

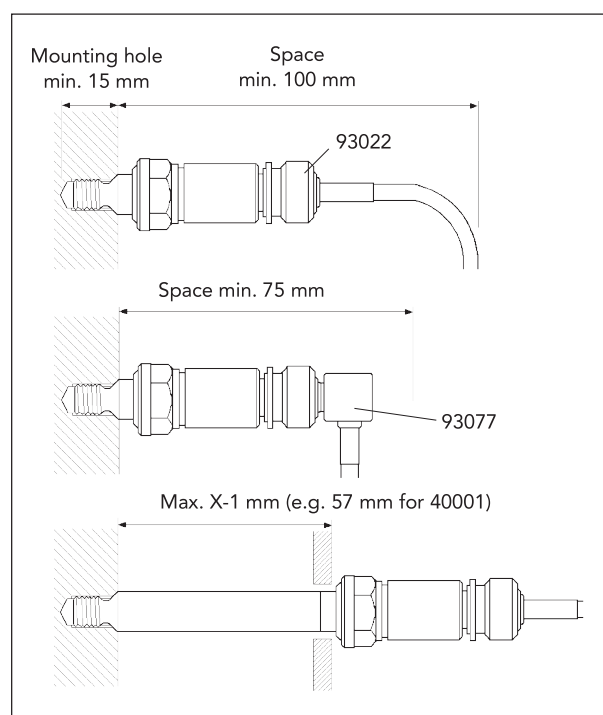
The transducer is normally connected with TNC plug 93022. In moist environments, the coaxial cable must be connected with sealing TNC plug 13008. TNC angle plug 93077 can be used in narrow spaces.

Part numbers

40000	Standard shock pulse transducer, M8 x1.25
40001	Standard shock pulse transducer, M8 x1.25, extended: X = 58 mm; Y = 115.5 mm
40006	Standard shock pulse transducer, M8 x1.25, extended: X = 93 mm; Y = 150.5 mm
40008	Standard shock pulse transducer, M8 x1.25, extended: X = 271 mm; Y = 328.5 mm
40009	Standard shock pulse transducer, M8 x1.25, extended: X = 220 mm; Y = 277.5 mm
40100	Standard shock pulse transducer, UNC 5/16-18
40101	Standard shock pulse transducer, UNC 5/16-18, extended: X = 58 mm; Y = 115.5 mm

Technical specifications

Measuring range:	max. 100 dBsv
Housing, base:	stainless acid-proof steel, Sandvik Grade:1802, EN:1.4523
Design:	Sealed
Connector tightness:	IP65 with TNC connector IP67 with connector 13008
Temperature range:	-30 °C to +150 °C
External overpressure:	max. 1 MPa (10 bar)
Torque:	15 Nm
Connector:	TNC jack
Weight:	55 g



Mounting tools

82053	Countersink with a fixed pilot for M8
81027	Holder for countersink
81028	Countersink, angle 90°, 12 mm diameter
81031	Pilot for M8
81032	Pilot for UNC 5/16"

To drill the mounting hole, use drill bits 6.9 mm for M8 or 6.6 mm for UNC5/16".

Tighten and unscrew the transducer with a torque wrench and a long 17 mm socket (81086).

