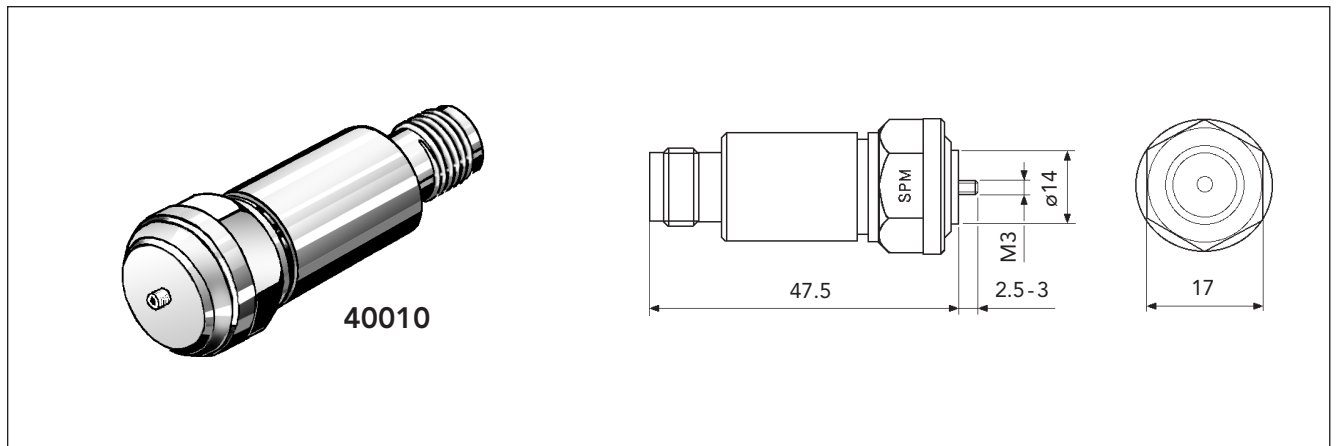


Glue-on Shock Pulse Transducer SPM 40010



Glue-on transducers 40010 can replace standard transducers on thinwalled bearing housings and on machines where the drilling of standard mounting holes would affect equipment warranties. They have the same measuring characteristics as standard transducers, but a flat, circular base which is glued to the measuring point, and an M3 screw for unloading and fixing.

Mounting

The transducer is mounted against a smooth, flat surface on the machine. Use a 2.7 mm drill for the mounting hole and make it 4.5 mm deep. Always plane the surface with a counterbore, min. diameter 15 mm.

The recommended adhesives are 3M DP810, Loctite 638 or Loctite 480. Please read the instructions for use and follow them carefully. Screw the transducer by hand into the mounting hole. The screw is self-threading. In narrow spaces a 17 mm socket (SPM 81086) may be used. The torque should not be more than 1 Nm. Wait until the adhesive has hardened before connecting the cable.

Technical data

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 IP 67 with conn. SPM13008
Temperature range:	-30° C to +150° C
External overpressure:	Max. 1 MPa (10 bar)
Recommended adhesive:	3M DP810, Loctite 638 or 480
Connector:	TNC
Weight:	50 g

Tools

14042	Counterbore, complete
81274	Holder for counterbore
81275	Counterbore, diameter 15 mm
14041	Pilot, diameter 2.7 mm
81086	Socket, 17 mm
90472	Adhesive, 3M DP810 (50 ml)

