

Construction

The tube consists of stainless steel (1.4301) or of epoxy-glass resin (GFK). Its outside diameter is 30 mm. The rear end has a plastic slide bush. Two holes at the front are closed by varnished screws. They can be removed by heating at about 50° C in order to serve as an air outlet.

A stainless steel ball joint M8 to DIN 648 (materials: 1.407, CuSn8, PTFE, 100Cr6) can be connected to an actuating device. — For measuring strokes up to 100 mm the transducer can be fitted with an integral spring return for use as gauge.

Order codes

Both the transducer and the tube are supplied as a complete unit and must be ordered together. The order code formats as per data sheets IW 10225 and IW 10505 respectively must be completed by "SR(8)", e.g.

IW 252/100-0,25-KGR8-KHN8

- 8 = ø 8 mm ball joints
- R = locked holes
- M = open holes
- G = GFK - epoxy glass resin
- S = Stahl - stainless steel
- K = Standard
- T = gauge with spring return

Model Stroke	L3	L4*
	Length SR	Distance to center of hole
IW 25x /20	85	179
IW 25x /40	115	219
IW 25x /100	235	359
IW 25x /200	435	659
IW 26x /80	115	239
IW 26x /170	235	394
IW 26x /240	335	529
IW 26x /360	435	739

* When plunger at electrical mid-point of measuring stroke.

Function

The protection tube SR has been designed to protect the plunger (rod) of the transducer against lateral stress and to ensure its positive rectilinear movement. The tube can be fitted to the IW 250 and IW 260 series of transducers as per data sheets IW 10225, 10505, 11217, 11253 and 11259.

Dimensions in mm

