

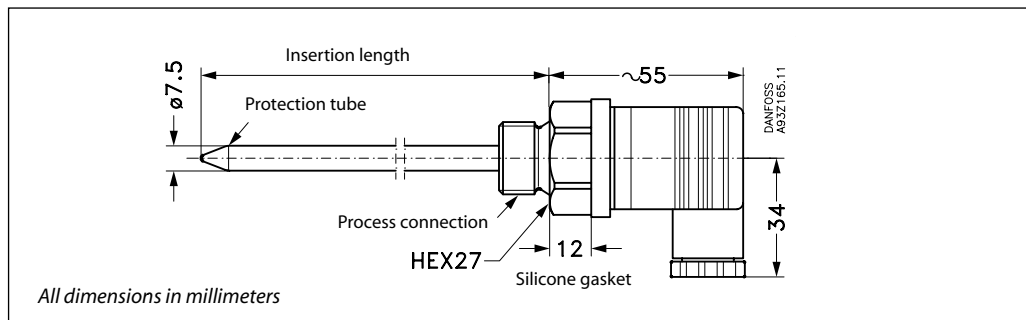
Features



Universal temperature sensor for screwing in
Type MBT 3260

- For temperature measurement and regulation in piping- and ventilation systems and other light industrial applications
- Pt100 or Pt1000 resistance element
- Temperature range -50 to +120°C
- Copper tube
- Short response times
- G1/2A brass process connection
- Goldplated connectors
- Fixed measuring insert
- Insertion lengths: 50, 100 or 250 mm

Dimensions



Technical data

Response times

Protection tube	Indicative response times acc. to VDI/VDE 3522			
	Vand 0.2 m/s		Luft 1 m/s	
	t _{0,5}	t _{0,9}	t _{0,5}	t _{0,9}
Ø7.5 mm	2 s	2.5 s	6 s	12 s

Weight

Insertion length	Weight approx
50 mm	119 g
100 mm	125 g
250 mm	143 g

Mechanical and environmental specifications

Max. ambient temperature	120°C	
Max. media pressure	75 bar external water pressure at room temperature acc. to DIN 43763	
Sensor tolerance	EN 60751 class B: $\pm (0.3 + 0.005 \times t)$	t = temperature of medium
Enclosure	IP 54 according to IEC 529	
Materials	Protection tube Process connection Plug	Copper Brass PA 6.6 design according to DIN 43650

Ordering - Standard programme

Insertion length [mm]	Resistance value	
	Pt100 Code no.	Pt1000 Code no.
50	084Z6055	084Z6056
100	084Z8181	084Z8180
250	084Z8183	084Z8182