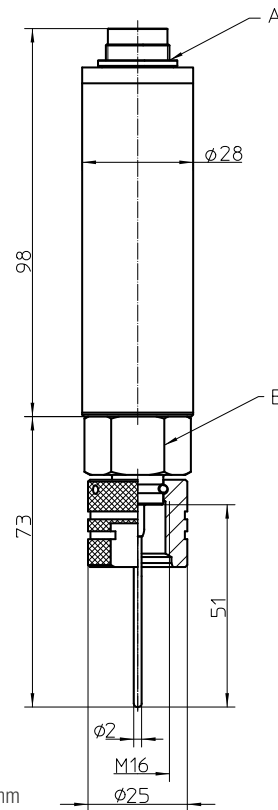


## HySense® TP 180

The **HySense® TP 180** is a high-precision dual sensor that measures both temperature and pressure at the same measuring point simultaneously. When combined with a **MINIMESS®** p/T test point, a fast and simple connection to the fluid can be established without any system downtimes. Moreover, direct contact with the fluid ensures that high-precision, dynamic temperature and pressure measurements can be carried out.



Dimensions in mm

General characteristics	
Sensor principle	Temperature: Pt100, pressure: Piezoresistive effect
Measuring range	-50 ... 200 °C, 0 ... 600 bar
Output signal	4 ... 20 mA
Mechanical measuring connection	For MINIMESS® 1620 p/T test point
Electrical measuring connector	M16 x 0.75, 8-pin
Measuring accuracy @ 25°C	Temperature: 0.5% of full scale; pressure: ±0.5% of full scale
Ambient temperature	-35 ... 100 °C
Body material	Stainless steel
Probe tip material	Stainless steel
Weight	260 g
IP degree of protection	IP65 (DIN EN 60529)

\* More available upon request

Sensor	Temperature range	Pressure range	Part No.
HySense® TP 180	-50 ... 200 °C	0 ... 10 bar	3763-08-34.00
		0 ... 60 bar	3763-04-34.00
		0 ... 600 bar	3763-03-34.00