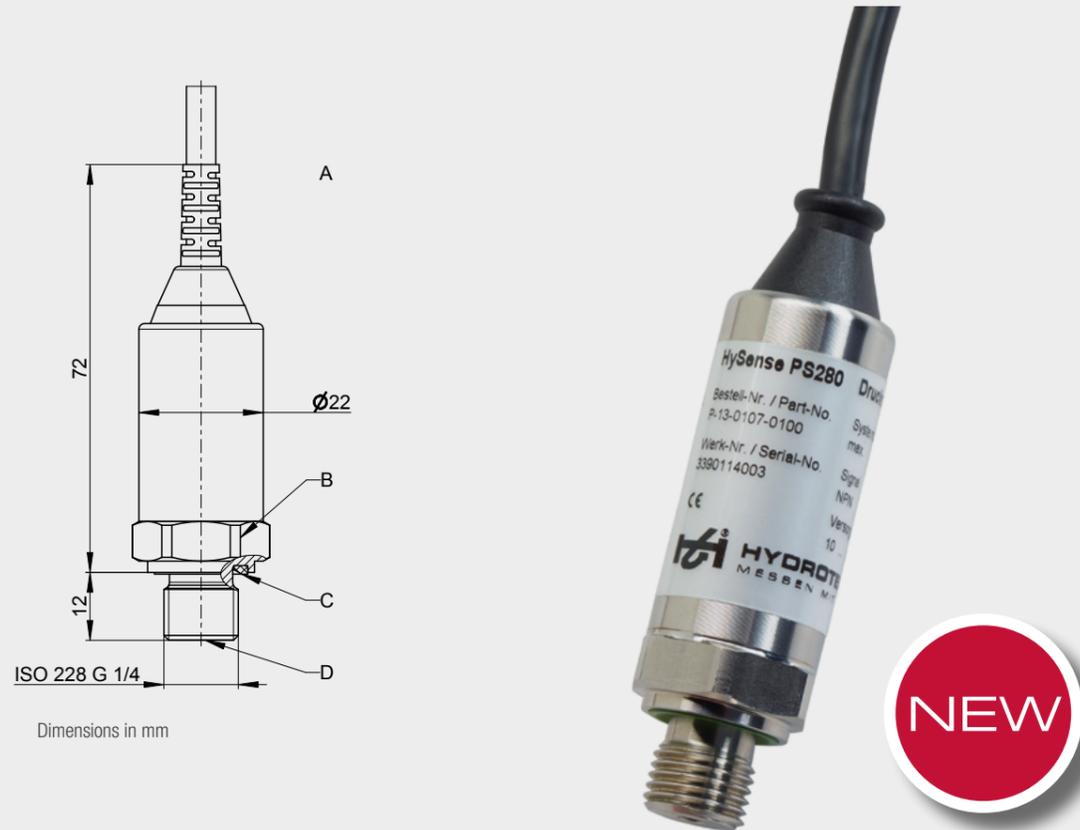


HySense® PS 280

The high-precision **HySense® PS 280** pressure switch makes a compelling case with its compact design and a wide variety of configuration options. Various parameters, such as the pressure range, mechanical and electrical connections, cable length, pinout, signal output, function type, and switching value can be chosen freely, enabling customers to get the perfect solution for their specific measuring application.



Dimensions in mm

A	Variable
B	AF 22
C	Depends on mechanical connection
D	Variable

General characteristics	
Sensor principle	Piezoresistivity
Pressure type	Relative pressure
Measuring accuracy @ 25°C	±0.5% of full scale
Body material	Stainless steel
Diaphragm material	Stainless steel
Fluid temperature	-40 ... 125 °C
Ambient temperature	-40 ... 105 °C
IP degree of protection	IP67 (DIN EN 60529)
Weight	Depends on the version
Installation position	Any

Variable parameters	
Pressure range	0 ... 1000 bar
Mechanical connection	Variable
Electrical connector	Variable
Seal type and material	Variable
Cable length	Variable
Number of switching outputs	1 or 2
Signal output	PNP or NPN
Function	NC or NO
Switching value	Variable, separate for rising and falling edges
Switching delay	Variable, 0 ... 7000 ms