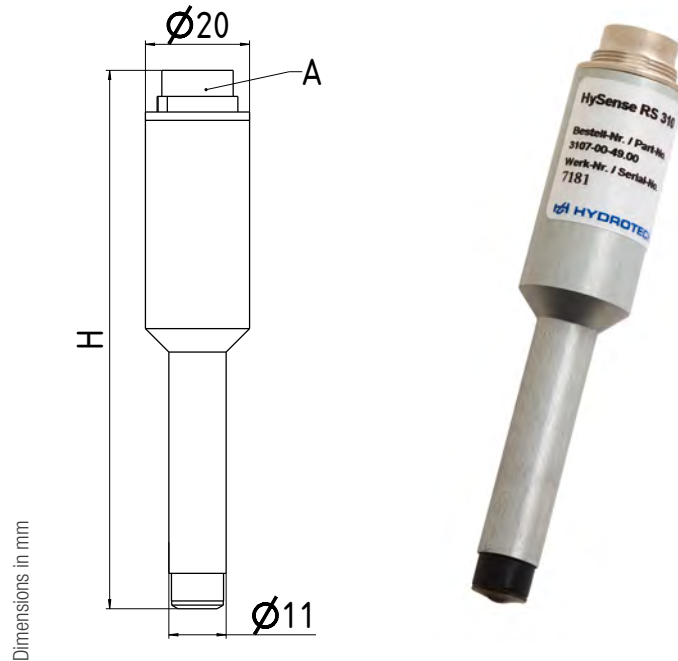


HySense® RS 3xx

The **HySense® RS 3xx** is a high-precision frequency sensor that converts the motion of diamagnetic materials into pulses using the GMR effect. The use of this effect makes precise frequency measurements possible even with very small gears and low rotational speeds.



General characteristics	
Sensor principle	GMR effect
Frequency range	0.5 ... 1800 Hz
Measuring accuracy	±1 pulse
Electrical connector	M16 x 0.75, 5-pin / M16 x 0.75, 6-pin
Body material	Aluminum
Ambient temperature	-20 ... 85 °C
IP degree of protection	IP65 (DIN EN 60529)
Weight	60 g

Model	Output signal	H	Part No.
HySense® RS 300	Frequency, ISDS	104 mm	3107-00-S-49.00
HySense® RS 310	Frequency		3107-00-49.00