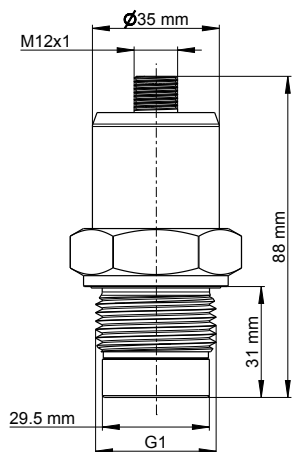


HySense® CW 100

The **HySense® CW 100** is a high intelligence sensor that detects wear in the form of ferromagnetic particles. In addition, it is able to determine whether the particles are fine particles in the micrometer range or coarse particles in the millimeter range. Finally, this sensor has a fully automatic particle release function that eliminates the need to clean or maintain it.



Sensor	Part No.
HySense® CW 100	3402-CW10-G326C0-000

General characteristics

Fluid	Mineral oils (H, HL, HLP, HLPD, HVLP), synthetic esters (HETG, HEPG, HEES, HEPR), polyalkylene glycols (PAG), zinc-free ash-free fluids (ZAF), polyalphaolefins (PAO)*
Measured variables	Ferromagnetic particles – fine particles (μm range) – coarse particles (mm range)
Interfaces	RS-232, CANopen, 4 ... 20 mA
Electrical connector	M12 A 8p m
Max. operating pressure	20 bar
IP degree of protection	IP67 (DIN EN 60529)
Operating temperature	-20 ... 85 °C
Seal material	HNBR

Measured variable	Measuring range	Measuring accuracy
Fine particles (μm range)	0 ... 100%	0.1%
Coarse particles (mm range)	1 ... 10	1