

Advanced [water detection]

OilMoisture

[OIL QUALITY SERIES]

The first online sensor that detects the presence of water in PPM

OilMoisture is an online optical sensor that uses infrared technology for water content detection. Now, early diagnosis is possible, reducing potential failures associated with water presence in lubrication and hydraulic systems and improving the machine and process reliability. It can also provide information about the risk of varnish presence.

Water is one of the most dangerous contaminants for the lubrication of critical systems, not only because its presence may be a symptom of leaks, but also because it acts as a catalyst for the corrosion of the critical components of the machine and the degradation of the lubricant oil.



- Degradation
- Fluid temperature
- Humidity PPM
(OilMoisture & OilHealth Probe Max)
- Humidity %
(OilMoisture & OilHealth Probe Max)

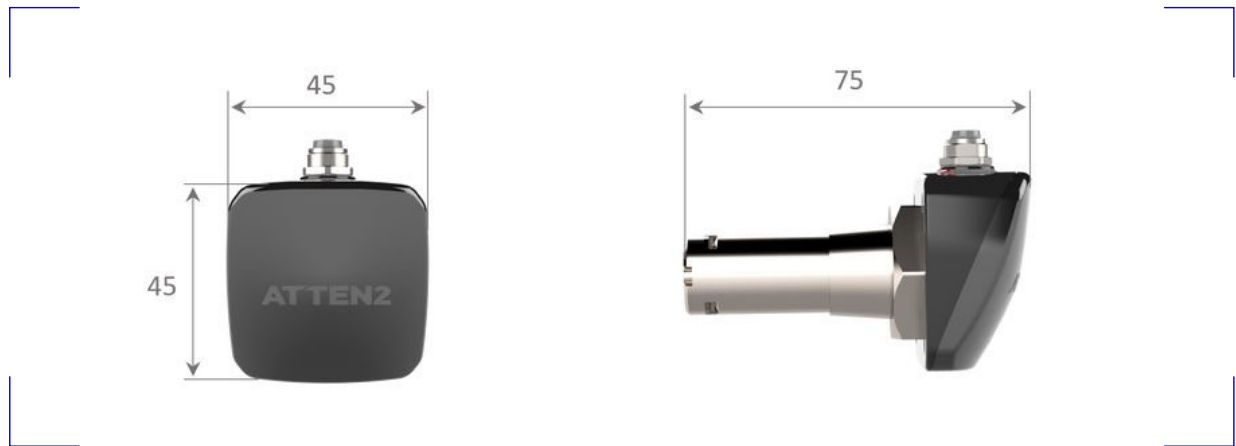
[SPECIFICATIONS]

Power supply	24 VDC
Current Consumption	<100mA
Connectivity	Digital: Modbus RTU (RS485) Wireless: Upon request
Output	Absolute humidity output from 200 PPM Up to 2000 PPM Humidity ranges output from 0,2% up to 10% Oil temperature output / Resolution 0,2°C Sensor temperature output
Oil Pressure	Up to 12 bar
Operation Temperature	From 0°C to 80°C
Viscosity Range	Up to 80 cSt
Hydraulic Thread	BSPT Conical 1/2"
Materials	Aluminum (optional steel) Viton sealing BK7 optics
Protection class	IP 65
Certification	CE

[INSTALLATION]

One of the main advantages of the sensor is that it can be installed directly in the lubrication system or the oil sump tank, thus simplifying the integration of the sensor into the machine.

[DIMENSIONS]



Manifold optional

