

Cylinder Pressure Sensor HTT-05®

- Sensor with integral SCU
- High measured Medium temperatures
- Design life expectancy of 16,000 h @ 1500 rpm
- Improved thermodynamic performance

Application:

- Internal combustion engines
- Diesel, natural gas and alternative fuels



Technical data

Measuring range pressure	0...300 bar
Over pressure static	400 bar (800 bar on request)
Load cycles	$\geq 10^8$
Frequency range	2 kHz (others on request)
Thermal shock 1500 RPM pmi=9bar	$\leq \pm 0,5$ bar
Max. temperature at measuring cell	300 °C
Supply voltage	18...32 VDC
Output signal pressure	4...20 mA
Electrical connector	Plug DIN M12
Thread	M14 x 1,25
Ingress protection	IP 65
Dimensions	overall length 140 mm, Ø 18 mm, nut size 19 mm
Tightening torque	25 Nm
Weight incl. electronic	140 g

Scope of supply	Part-No.	Accessories	Part-No.
HTT-05®	IW-6260	cable length	
Metal gasket	IW-4107	5, 10, 15, 20, 25 m	IW 4110...14