

## Cylinder Pressure Sensor CPS-02

*for pressure control on Diesel- and Gas Engines*

- Sensor with integral SCU
- High measured medium temperatures
- Design life expectancy of 16,000 h @ 1500 rpm
- Compact dimensions
- Optimum price performance ratio

### Application:

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



### Technical-data Cylinder pressure sensor CPS-02

Measuring range pressure	0...300 bar
Overload pressure static	800 bar
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	M10 x 1
Ingress protection	IP 65
Dimensions	length 195mm, Ø13,5mm/ 18 mm, nut size 19mm
Tightening torque	15 Nm
Weight incl. electronic	150 g

Scope of supply	Part-No.	Accessories	Part-No.
CPS-02	IW-6270	cable length	
copper gasket	IW-4108	5, 10, 15, 20, 25 m	IW 4110...14