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Datasheet Moisture Analyser PCE-WIO 1

Technical Specification Oil Tester

Measurement range water content	10 ... 10,000 ppm in oil
Measurement range temperature	-20 ... 60 °C
Measuring accuracy	depends on calibration data, mistakes < 10% of measured value
Operating pressure	vacuum up to 30 MPa
Operating temperature	-20 ... 60 °C
Compatibility with media	different with aggressive substances has to be cleared up
Power supply	18 ... 28 V DC approx. 30 ... 70 mA
Output	RS 232 data I/O for computer interface connection current output 4-20 mA switch output (optional) 24 V DC, max 100 mA
Connectors	circular channel, 7 contacts, type Binder 723
Protection class	IP 65
Rehearse connection thread	5/8 – 18 UNF, SW 22
Installation depth	50 mm
Casing height	115 mm
Casing diameter	60 mm
Total length	176 mm

Technical Specification Display

Display	two line LCD display with 16 symbols each
Sensor connection	for humidity sensor
Interface	USB 2.0
Software	capable to update via USB interface
Storage capacity	12,000 measuring values
Operating temperature	-20 ... 40 °C
Power supply	4 x NiMH-accumulator AA
Casing	die-cast aluminium
Dimensions	100 mm x 200 mm x 24.4 mm
Protection class casing	IP 66
Protection class plug connectors	IP 67
Installation	handheld device for operation in any position