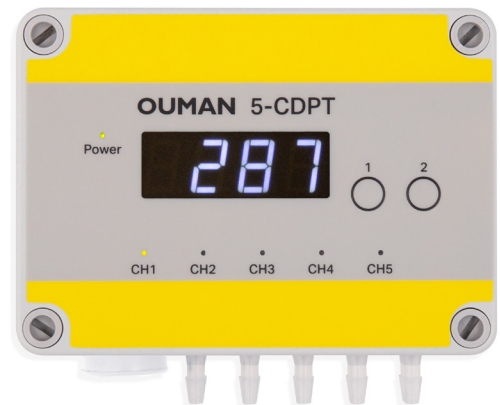


5-channel differential pressure transmitter

The 5-CDPT is a differential pressure transmitter with 5 measurement channels and communicates via the Modbus RTU bus.

The device is ideal for pressure measurements of a modern compact air handling unit. When using a 5-channel device, you can get all the most important pressure measurements with one device, which simplifies installation.



TECHNICAL SPECIFICATION

Product code	OMA0635
Dimensions	width 130 mm, height 110 mm, depth 57 mm
Weight	295 g
Protection class	IP 34
Operating temperature	-25 ... 40 °C (24 h environment temperature 35 °C)
Power required	1 W
Operating voltage	24 Vac/Vdc
Measuring range	-1000 ... 1000 Pa
Total error band *)	± 2%
Long-term stability	± 0.25 %
Communication protocol	Modbus
Bus speed	Auto
Warranty	2 years
Direktiv	
EMC directive	2014/30/EU and the amending CE Directive 93/68/EEC
Standardit	
EMC emission	IEC 61000-6-3 (Edition 3.0 2020-07): (CISPR 16-2-3(2016-09), (CISPR 16-2-1(2017-06), IEC 61000-3-2 (2018-01), IEC 61000-3-3 (2013-05)
EMC Immunity	IEC 61000-6-1 (Edition 3.0 2016-08): (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-11)

*) Total Error Band: The maximum deviation from the ideal transfer function over the entire compensated temperature and pressure range. Includes all errors due to offset, full scale span, pressure non-linearity, pressure hysteresis, repeatability, thermal effect on offset, thermal effect on span, and thermal hysteresis.