

DUCT AND ROOM ENCLOSURE

	PRODUCT VARIATIONS	MEASUREMENT PRINCIPLE	MEASURING RANGE	ACCURACY	OUTPUT	POWER SUPPLY	CONNECTOR	GENERAL
1-IN-1 •T	T	CMOS-Sensor	-10°C ... +40°C -40°C ... +70°C 0°C ... +40°C	± 0,3°C	4 - 20mA or 0 - 10V or Modbus	15V DC - 35V DC 24V AC ± 20% (AC not for 4-20mA)	Spring-loaded push in connectors	CE, RoHS, WEEE Transport & storage : -20°C...+60°C Humidity 0 ... 95% RH, non-condensing Custom ranges available upon request White label product possible
	T (optional)	NTC / Platinum sensor	-40°C ... +70°C		Modbus			
2-IN-1 •RH •T	RH	CMOS-Sensor	0...100%	2% RH 3% RH 5% RH	4 - 20mA or 0 - 10V or Modbus	15V DC - 35V DC 24V AC ± 20% (AC not for 4-20mA)	Spring-loaded push in connectors	Calibration-free technology Outstanding long-term stability CE, RoHS, WEEE Transport & storage : -20°C ... +60°C Humidity : 0 ... 95% RH, non-condensing Custom ranges available upon request
	T	CMOS-Sensor	-10°C ... +40°C -40°C ... +70°C 0°C ... +40°C	± 0,3°C	Modbus			
•CO ₂ •T	T (optional)	NTC / Platinum sensor	-40°C ... +70°C					
	CO ₂	Dual channel NDIR	0 ... 2000 ppm	30ppm ± 3% mv ± 0,3°C	0 - 10V or Modbus	15V DC - 35V DC 24V AC ± 20%	Spring-loaded push in connectors	Automatic CO ₂ self-calibration Outstanding long-term stability CE, RoHS, WEEE Transport & storage : -20°C ... +60°C Humidity : 0 ... 95% RH, non-condensing Custom ranges available upon request
•CO ₂ •RH •T	T	CMOS-Sensor	-10°C ... +40°C -40°C ... +70°C 0°C ... +40°C	± 0,3°C				
	T (optional)	NTC / Platinum sensor	-40°C ... +70°C					
3-IN-1 •CO ₂ •RH •T	CO ₂	Dual channel NDIR	0 ... 2000 ppm	30ppm ± 3% mv	0 - 10V or Modbus	15V DC - 35V DC 24V AC ± 20%	Spring-loaded push in connectors	Automatic CO ₂ self-calibration Outstanding long-term stability CE, RoHS, WEEE Transport & storage : -20°C ... +60°C Humidity : 0 ... 95% RH, non-condensing Custom ranges available upon request
	RH	CMOS-Sensor	0...100%	2% RH 3% RH 5% RH				
•VOC •RH •T	T	CMOS-Sensor	-10°C ... +40°C -40°C ... +70°C 0°C ... +40°C	± 0,3°C				
	T (optional)	NTC / Platinum sensor	-40°C ... +70°C					
•VOC •RH •T	VOC	Metal hot-plate	0 ... 100%	< ± 15 index points < ± 15% mv	0 - 10V or Modbus	15V DC - 35V DC 24V AC ± 20%	Spring-loaded push in connectors	Calibration-free technology Outstanding long-term stability CE, RoHS, WEEE Transport & storage : -20°C ... +60°C Humidity : 0 ... 95% RH, non-condensing Custom ranges available upon request
	RH	CMOS-Sensor	0...100%	2% RH 3% RH 5% RH				
•VOC •RH •T	T	CMOS-Sensor	-10°C ... +40°C -40°C ... +70°C 0°C ... +40°C	± 0,5°C				
	T (optional)	NTC / Platinum sensor	-40°C ... +70°C					
4-IN-1 •CO ₂ •VOC •RH •T	CO ₂	Dual channel NDIR	0 ... 2000 ppm	30ppm ± 3% mv	0 - 10V or Modbus	15V DC - 35V DC 24V AC ± 20%	Spring-loaded push in connectors	Automatic CO ₂ self-calibration Outstanding long-term stability CE, RoHS, WEEE Transport & storage : -20°C ... +60°C Humidity : 0 ... 95% RH, non-condensing Custom ranges available upon request
	VOC	Metal hot-plate	0 ... 100 %	< ± 15 index points < ± 15% mv				
•VOC •RH •T	RH	CMOS-Sensor	0...100%	2% RH 3% RH 5% RH				
	T	CMOS-Sensor	-10°C ... +40°C -40°C ... +70°C 0°C ... +40°C	± 0,5°C				
T (optional)	NTC / Platinum sensor	-40°C ... +70°C						