

Innovative Detection Technology

Oxygen Analyser M1-K

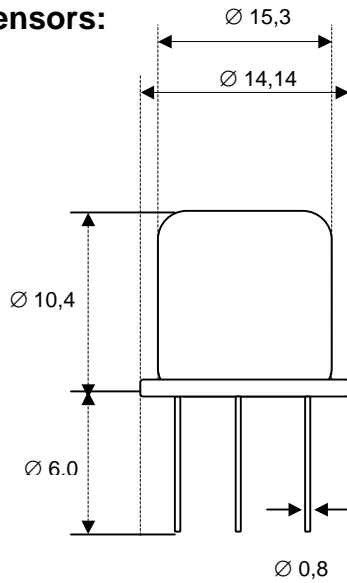


Data sheet

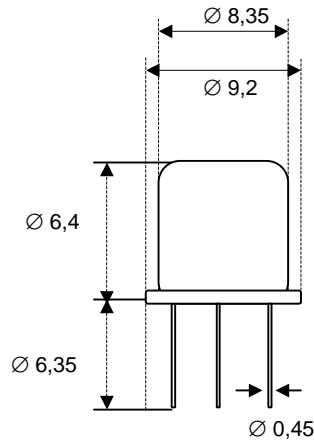
Size:	(B x T x H) 30 x 33 x 13 cm	Options:
Weight:	approx. 3 kg	Integrated pump (up to 200 l/h)
Power supply:	230 VAC/50 Hz	Flowmeter
Serial interfaces:	RS232, RS422, RS485	Software : O2-Scan
	-	
Sensor type	Measuring range O₂	Accuracy
M1-1000	10-1000 ppm _v	± 20 ppm _v
M2-1000	0,01 – 1,0 %	± 1% m.-e.
M2-2000	0,01 - 2,0 %	± 1% m.-e.
M3-5000	0,05 – 5,0 %	± 1% m.-e.
M4-2500	0,1 – 25,0 %	± 1% m.-e.
M5-1000	1,0 – 96,0 %	± 1% m.-e.
Response time (t₉₀)	2 – 10 Sek. (dep. on sensor type)	
Warm-up time	approx. 2 min.	
max. Operating temp.	350 °C	

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Sensors:



TO 8



TO 39



TO - package



Measuring medium:	Gaseous atmosphere	
Measuring principle:	Limiting current type sensor	
Measuring parameter:	Oxygen concentration	
Sensor voltage:	0,7 – 1,6 V	
Package:	TO 6	TO 15
Diameter:	6,4 mm	15,3 mm
Height (total):	12,7 mm	16,4
max. Ambient-temperature:	350°C	350°C
max. Packaging-temperature:	approx. 250°C	approx. 250°C
customized housings available		



customized sensor-housing