

Inline O₂ meter **OX.40 OXYSENSO**



ACM OX.40 OXYSENSO is based upon a further development of the opto-chemical measuring principle.

Now precision optics enable a more accurate detection of afterglow time res. of phases shift, resulting in higher resolution and lower O₂-detection levels.

Because of usage of robust sensor tip material outstanding long run time together with fast response times are achieved.

The patented application of a reference LED makes the sensor almost drift-free.

Further Innovation

On change of sensor tip factory calibration of tip is transmitted via smart-tag technology to the display unit. Offline calibration of meter or calibration via hand held devices are not needed anymore, which makes the maintenance task by far easier.



ACM OX.40 is in the brewing and beverage sector widely applicable, in its version ULTRAPURE also for the detection of trace O₂ in gases, e.g. on CO₂ recovery plants.

Technical specifications

Dimensions	210 x 210 x 166 mm
Weight	4,6 kg
Mounting	Varivent Inlinemounting
Power supply	24VDC; 0,4 A
Nominal max. pressure	ND 10 bar
Cleaning	Plant typical CIP, until 130 °C
Measuring range	0-10 mg/l O ₂
Accuracy	0 - 2 mg/l O ₂ , +/- 0,005 mg/l O ₂
	2 - 10 mg/l O ₂ , +/- 0,05 mg/l O ₂
	+/- 0,002 mg/l O ₂
Resolution	t90 < 20 sec
Response time	-5 - 25 °C
Temperature working range	RS485, 4-20 mA, DeviceNet, ProfibusDP and ProfiNet
Output signal	

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