Inline O_2-meter OX.40

New!

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 O_2-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 the factory calibration of tip is transmitted via smart-tag technology to the display unit. Off-line 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-O_2 in gases, e.g. on CO_2-recovery plants.

Technical Data

Dimensions:	210 x 210 x 166 mm
Weight:	4,6 kg
Mounting:	Varivent Inlinemounting
Power supply:	24 VDC; 0,4 A
Nominal max. pressure:	10 bar
Cleaning:	Plant typical CIP, until 130 °C
Measuring range, accuracy & resolution	0-10 mg/l O_2 , +/- 0,005 mg/l O_2 , +/- 0,001 mg/l O_2
Response time:	t_{90} < 20 sec
Temperatur working range:	-5 - 40 °C
Data display:	Grafical display „blue“ with backround lighting, 162 x 64 Pixel
Output signal:	RS 485, 4-20 mA, ProfibusDP and DeviceNet

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