Title:	N2_O2 Module Specs			ID: 124
05.03.13	Response:	Model:	Author:	
		-	CMa	

N2_O2 Module Specs

Specifications:

Model:	FCX-MCxx-CH
Measuring range:	0,05...25%
Supply voltage:	24VDC nominally (11,5...28VDC)
Supply current:	typ. 250mA (24VDC), switch-on point approx. 0,7A
Power:	3W
Output signal:	eligible 4...20mA current loop / 0..20mA selectable load resistance for operation max. 9V
Resolution:	input side : 10bit AD output side : 11bit DAC
Accuracy:	0.5%FS
Stability:	0.5%FS / year
Operating Temp.	-10 .. 50°C
Humidity:	<98% non condensing
Temperature influence:	Measuring error [in % pO_2] ~ pO_2 [% x (T_e[°C] -25°C) / 500 T_e = environmental temperature of the sensors
Response time:	<30 sec. T_{90}
Warm-up time:	3 min.
Gas temperature:	-10...+50°C
Flow rate:	0.5 … 3 i/min
Dimensions :	125 x 100 x 25mm (L x W x H)
Weight :	200g