

OCS-3F-2.1D

Specification

Parameter	Condition / Minimum value	Representative value	Maximum value	Unit
concentration range	21%-95.6%			%
Concentration Resolution	0.1%			%
Concentration accuracy	-20~60℃	± 1.3%	± 1.5%	%
	-40~-20℃/60-85℃	± 1.8%	± 2.5%	%
Flow range	0-25			L/min
Flow Resolution	0.1			L/min
Flow accuracy	-20~60℃	± 0.15	± 0.2/± 5% reading	L/min
	-40~-20℃/60-85℃	± 0.2	± 0.3/± 5% reading	L/min
Pipeline Pressure Compensation	30	-	250	Kpa
Atmospheric pressure compensation	50	-	100	Kpa
Altitude compensation	0-6000			meter
Warm-up time	<2S (can be customized)			s
Digital output	Baud rate 9600bps UART 3.3V TTLlevel			-
analog output	Customizable concentration and flow rate (0 – 2.5 V)			V
working temperature	-40	25	85	℃
Storage Temperature	-40	-	90	℃
Working humidity	-	-	10	%RH
Storage humidity	0	-	95	%RH
working voltage	4.5	5	12	V
working current	-	15	-	mA
Sensor weight	18			g
boundary dimension	L79.2*W28.4*H19.6 (L x W x H)			mm
product life	>10 (20000H)			Year

