

2.2) OLCT100 Series



- รองรับการเชื่อมต่อแบบ analog 4-20 mA และไม่มีหน้าจอ
- SIL2 รองรับสำหรับ LEL, O₂, CO, H₂S, NH₃, CO₂
- วัดก๊าซไวไฟ, ก๊าซพิษ หรือก๊าซสารทำความเย็นและออกซิเจน
- หัวเซ็นเซอร์ประเภท electrochemical, infrared หรือ semi-conductor
- ออกแบบสำหรับประยุกต์ใช้ในอุตสาหกรรม
- รองรับแบบป้องกันการระเบิด (explosion-proof) หรือ รุ่นที่ป้องกันความปลอดภัยด้านไนและสแตนเลส
- รุ่นทนอุณหภูมิสูงถึง 200°C
- ช่วงการวัดก๊าซไวไฟ, ก๊าซพิษ, ก๊าซออกซิเจนและ CO₂
- ใช้สำหรับอุตสาหกรรมการผลิตเหล็ก, สิ่งอำนวยความสะดวกปิโตรเคมี, อุตสาหกรรมเคมี, อุตสาหกรรมยา, อุตสาหกรรมอาหาร, อุตสาหกรรมสารทำความเย็น, การบำบัดน้ำ

Gas		Measuring Range (ppm)	XP Version	IS Version	Temperature Range (°C)	%RH	Accuracy (ppm)	Average Life Expectancy (month)	Response Time T50/T90 (s)	Storage Condition
Explosive Gases	Catalytic	0 – 100%LEL	•		-40 to +70	0 - 95	+/- 1% LEL (from 0 to 70% LEL)	40	6/15 (CH ₄)	(b)
	Catalytic High Temperature	0 – 100%LEL	•		-20 to +200	0 - 95	+/- 1% LEL (from 0 to 70% LEL)	40	6/15 (CH ₄)	(b)
AsH ₃	Arsine	1.00		•	-20 to +40	20 – 90	+/- 0.05	18	30/120	(a)
CH ₂ O	Formaldehyde	50.0		•	-20 to +50	15 - 90	+/- 1.0	36	50/240	(a)
Cl ₂	Chlorine	10.0		•	-20 to +40	10 - 90	+/- 0.4	24	10/60	(a)
ClO ₂	Chlorine dioxide	3.00		•	-20 to +40	10 - 90	+/- 0.3	24	20/120	(a)
CO	Carbon monoxide	100	•	•	-20 to +50	15 - 90	+/- 3 (range 0-100)	40	15/40	(a)
		300	•	•						
		1000	•	•						
CO ₂	Carbon dioxide	0-5000ppm	•		-20 to +40	10 - 90	+/- 3%	48	20/120	(a)
		0-5% vol.	•							
		0-10% vol.	•							
		0-100% vol.	•							
COCl ₂	Phosgene	1.00		•	-20 to +40	15 - 90	+/- 0.05	12	60/180	(c)
ETO	Ethylene oxide	30.0		•	-20 to +50	15 - 90	+/- 1.0	36	50/240	(a)
H ₂	Hydrogen	2000	•	•	-20 to +50	15 - 90	+/- 5%	24	30/50	(a)
H ₂ S	Hydrogen sulfide	30.0	•	•	-40 to +50	15 - 90	+/- 1.5 (range 0-30)	36	15/30	(a)
		100	•	•						
		1000	•	•						
HCl	Hydrochloric chloride	30.0		•	-20 to +40	15 - 95	+/- 0.4 (range 0-10)	24	30/150	(a)
		100		•						
HCN	Hydrogen cyanide	10.0		•	-40 to +40	15 - 95	+/- 0.3 (range 0-10)	18	30/120	(c)
		30.0		•						
NH ₃	Ammonia	100	•	•	-40 to +40	15 - 90	+/- 5	24	70/210	(a)
		100	•	•						
		1000	•	•						
		5000	•	•						
NO	Nitrogen monoxide	100	•	•	-20 to +50	15 - 90	+/- 2 (range 0-100)	36	10/30	(a)
		300	•	•						
		1000	•	•						
NO ₂	Nitrogen dioxide	10.0		•	-20 to +50	15 - 90	+/- 0.8	24	30/60	(a)
		30.0		•						
O ₂	Oxygen	0-30% vol	•	•	-20 to +50	15 - 90	0.4% Vol (from 15 to 22% O ₂)	28	6-15	(a)
		0-30% vol	•	•						
PH ₃	Phosphine	1.00		•	-20 to +40	20 - 90	+/- 0.05	18	30/120	(a)
SiH ₄	Silane	50.0		•	-20 to +40	20 - 95	+/- 1.0	18	25/120	(a)

Gas		Measuring Range (ppm)	XP Version	IS Version	Temperature Range (°C)	%RH	Accuracy (ppm)	Average Life Expectancy (month)	Response Time T50/T90 (s)	Storage Condition
SO ₂	Sulphur dioxide	10.0		•	-20 to +50	15 - 90	+/- 0.7 (range 0-10)	36	15/45	(a)
		30.0		•						
		100		•						
CH ₃ Cl	Methyl chloride	500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
CH ₂ Cl ₂	Methylene chloride	500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R12		1% vol	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R22		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R123		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
FX56		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R134a		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R11		1% vol	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R23		1% vol	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R143a		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R404a		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R507		2000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R410a		1000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R32		1000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R407c		1000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Freon R408a		1000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Ethanol		500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Toluene		500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Isopropanol		500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
2-butanone (MEK)		500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
Xylene		500	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
HFO-1234yf		1000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
HFO-1234ze		1000	•		-20 to +55	20 - 95	+/- 15% (from 20 to 70% FS)	40	25/50	(d)
(a) +4 to +20°C / 20% to 60% RH 1 bar ± 10% / 6 months maximum		(b) +50 to +70°C / 20% to 60% RH 1 bar ± 10% / 6 months maximum			(c) +4 to +20°C / 20% to 60% RH 1 bar ± 10% / 3 months maximum			(d) -20 to +50°C / 20% to 60% RH 1 bar ± 10% / 6 months maximum		