

Senscient ELDS™ - OPEN PATH LASER GAS DETECTION

AMMONIA - NH3

Part Number	Description	Approval	Measurement	Length
S-1080-3	ELDS	ATEX/IECEX	1000 ppm.m	5-40m
S-1080-4	ELDS	CSA/UL	1000 ppm.m	5-40m
S-1080-5	ELDS	EAC TC RU	1000 ppm.m	5-40m
S-1080-7	ELDS	InMetro	1000 ppm.m	5-40m
M-1080-3	ELDS	ATEX/IECEX	1000 ppm.m	40-120m
M-1080-4	ELDS	CSA/UL	1000 ppm.m	40-120m
M-1080-5	ELDS	EAC TC RU	1000 ppm.m	40-120m
M-1080-7	ELDS	InMetro	1000 ppm.m	40-120m
S-1082-3	ELDS	ATEX/IECEX	5000 ppm.m	5-40m
S-1082-4	ELDS	CSA/UL	5000 ppm.m	5-40m
M-1082-3	ELDS	ATEX/IECEX	5000 ppm.m	40-120m
M-1082-4	ELDS	CSA/UL	5000 ppm.m	40-120m
S-1087-3	ELDS	ATEX/IECEX	15000 ppm.m	5-40m
S-1087-4	ELDS	CSA/UL	15000 ppm.m	5-40m
M-1087-3	ELDS	ATEX/IECEX	15000 ppm.m	40-120m
M-1087-4	ELDS	CSA/UL	15000 ppm.m	40-120m

CARBON DIOXIDE - CO2

S-1070-3	ELDS	ATEX/IECEX	300000 ppm.m	5-40m
S-1070-4	ELDS	CSA/UL	300000 ppm.m	5-40m
S-1070-5	ELDS	EAC TC RU	300000 ppm.m	5-40m
S-1070-7	ELDS	InMetro	300000 ppm.m	5-40m
M-1070-3	ELDS	ATEX/IECEX	300000 ppm.m	40-120m
M-1070-4	ELDS	CSA/UL	300000 ppm.m	40-120m
M-1070-5	ELDS	EAC TC RU	300000 ppm.m	40-120m
M-1070-7	ELDS	InMetro	300000 ppm.m	40-120m

ETHYLENE - C2H4

S-1092-3	ELDS	ATEX/IECEX	1 LEL.m	5-40m
S-1092-4	ELDS	CSA/UL	1 LEL.m	5-40m
S-1092-5	ELDS	EAC TC RU	1 LEL.m	5-40m
S-1092-7	ELDS	InMetro	1 LEL.m	5-40m
M-1092-3	ELDS	ATEX/IECEX	1 LEL.m	40-120m
M-1092-4	ELDS	CSA/UL	1 LEL.m	40-120m
M-1092-5	ELDS	EAC TC RU	1 LEL.m	40-120m
M-1092-7	ELDS	InMetro	1 LEL.m	40-120m
L-1092-3	ELDS	TEX	1 LEL.m	120-200m
L-1092-4	ELDS	CSA/UL	1 LEL.m	120-200m
L-1092-5	ELDS	EAC TC RU	1 LEL.m	120-200m
L-1092-7	ELDS	InMetro	1 LEL.m	120-200m
S-1091-3	ELDS	ATEX/IECEX	10000 ppm.m	5-40m
S-1091-4	ELDS	CSA/UL	10000 ppm.m	5-40m
S-1091-5	ELDS	EAC TC RU	10000 ppm.m	5-40m
S-1091-7	ELDS	InMetro	10000 ppm.m	5-40m
M-1091-3	ELDS	ATEX/IECEX	10000 ppm.m	40-120m
M-1091-4	ELDS	CSA/UL	10000 ppm.m	40-120m
M-1091-5	ELDS	EAC TC RU	10000 ppm.m	40-120m
M-1091-7	ELDS	InMetro	10000 ppm.m	40-120m

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HYDROGEN CHLORIDE - HCl

<u>Part Number</u>	<u>Description</u>	<u>Approval</u>	<u>Measurement</u>	<u>Length</u>
S-1060-3	ELDS	ATEX/IECEX	50 ppm.m	5-60m
S-1060-4	ELDS	CSA/UL	50 ppm.m	5-60m
S-1060-5	ELDS	EAC TC RU	50 ppm.m	5-60m
S-1060-7	ELDS	InMetro	50 ppm.m	5-60m

HYDROGEN FLUORIDE - HF

S-1050-3	ELDS	ATEX/IECEX	25 ppm.m	5-60m
S-1050-4	ELDS	CSA/UL	25 ppm.m	5-60m
S-1050-5	ELDS	EAC TC RU	25 ppm.m	5-60m
S-1050-7	ELDS	InMetro	25 ppm.m	5-60m
S-1051-3	ELDS	ATEX/IECEX	50 ppm.m	5-60m
S-1051-4	ELDS	CSA/UL	50 ppm.m	5-60m
S-1051-5	ELDS	EAC TC RU	50 ppm.m	5-60m
S-1051-7	ELDS	InMetro	50 ppm.m	5-60m
M-1051-3	ELDS	ATEX/IECEX	50 ppm.m	60-120m
M-1051-4	ELDS	CSA/UL	50 ppm.m	60-120m
S-1052-3	ELDS	ATEX/IECEX	200 ppm.m	5-60m
S-1052-4	ELDS	CSA/UL	200 ppm.m	5-60m
S-1052-5	ELDS	EAC TC RU	200 ppm.m	5-60m
S-1052-7	ELDS	InMetro	200 ppm.m	5-60m
M-1052-4	ELDS	CSA/UL	200 ppm.m	60-120m
S-1054-3	ELDS	ATEX/IECEX	1000 ppm.m	5-60m
S-1054-4	ELDS	CSA/UL	1000 ppm.m	5-60m
M-1054-3	ELDS	ATEX/IECEX	1000 ppm.m	60-120m
M-1054-4	ELDS	CSA/UL	1000 ppm.m	60-120m

HYDROGEN SULFIDE - H2S

S-2052-3	ELDS	ATEX/IECEX	250 ppm.m	5-60m
S-2052-4	ELDS	CSA/UL	250 ppm.m	5-60m
S-2052-5	ELDS	EAC TC RU	250 ppm.m	5-60m
S-2052-7	ELDS	InMetro	250 ppm.m	5-60m
S-2057-3	ELDS	ATEX/IECEX	500 ppm.m	5-60m
S-2057-4	ELDS	CSA/UL	500 ppm.m	5-60m
S-2057-5	ELDS	EAC TC RU	500 ppm.m	5-60m
S-2057-7	ELDS	InMetro	500 ppm.m	5-60m
S-2053-3	ELDS	ATEX/IECEX	1000 ppm.m	5-60m
S-2053-4	ELDS	CSA/UL	1000 ppm.m	5-60m
S-2053-5	ELDS	EAC TC RU	1000 ppm.m	5-60m
S-2053-7	ELDS	InMetro	1000 ppm.m	5-60m
S-2055-3	ELDS	ATEX/IECEX	1500 ppm.m	5-60m
S-2058-3	ELDS	ATEX/IECEX	5000 ppm.m	5-60m
S-2058-4	ELDS	CSA/UL	5000 ppm.m	5-60m
S-2054-3	ELDS	ATEX/IECEX	15000 ppm.m	5-60m
S-2054-4	ELDS	CSA/UL	15000 ppm.m	5-60m
S-2054-5	ELDS	EAC TC RU	15000 ppm.m	5-60m
S-2054-7	ELDS	InMetro	15000 ppm.m	5-60m

Senscient ELDS- OPEN PATH LASER GAS DETECTION

METHANE - CH₄

Part Number	Description	Approval	Measurement	Length
S-1012-3	ELDS	ATEX/IECEX	1 LEL.m	5-40m
S-1012-4	ELDS	CSA/UL	1 LEL.m	5-40m
S-1012-5	ELDS	EAC TC RU	1 LEL.m	5-40m
S-1012-7	ELDS	InMetro	1 LEL.m	5-40m
M-1012-3	ELDS	ATEX/IECEX	1 LEL.m	40-120m
M-1012-4	ELDS	CSA/UL	1 LEL.m	40-120m
M-1012-5	ELDS	EAC TC RU	1 LEL.m	40-120m
M-1012-7	ELDS	InMetro	1 LEL.m	40-120m
L-1012-3	ELDS	ATEX/IECEX	1 LEL.m	120-200m
L-1012-4	ELDS	CSA/UL	1 LEL.m	120-200m
L-1012-5	ELDS	EAC TC RU	1 LEL.m	120-200m
L-1012-7	ELDS	InMetro	1 LEL.m	120-200m
S-1015-3	ELDS	ATEX/IECEX	5 LEL.m	5-40m
S-1015-4	ELDS	CSA/UL	5 LEL.m	5-40m
S-1015-5	ELDS	EAC TC RU	5 LEL.m	5-40m
S-1015-7	ELDS	InMetro	5 LEL.m	5-40m
M-1015-3	ELDS	ATEX/IECEX	5 LEL.m	40-120m
M-1015-4	ELDS	CSA/UL	5 LEL.m	40-120m
M-1015-5	ELDS	EAC TC RU	5 LEL.m	40-120m
M-1015-7	ELDS	InMetro	5 LEL.m	40-120m
L-1015-3	ELDS	ATEX/IECEX	5 LEL.m	120-200m
L-1015-4	ELDS	CSA/UL	5 LEL.m	120-200m
L-1015-5	ELDS	EAC TC RU	5 LEL.m	120-200m
L-1015-7	ELDS	InMetro	5 LEL.m	120-200m
S-1010-3	ELDS	ATEX/IECEX	1000 ppm.m	5-40m
S-1010-4	ELDS	CSA/UL	1000 ppm.m	5-40m
S-1010-5	ELDS	EAC TC RU	1000 ppm.m	5-40m
S-1010-7	ELDS	InMetro	1000 ppm.m	5-40m
M-1010-3	ELDS	ATEX/IECEX	1000 ppm.m	40-120m
M-1010-4	ELDS	CSA/UL	1000 ppm.m	40-120m
M-1010-5	ELDS	EAC TC RU	1000 ppm.m	40-120m
M-1010-7	ELDS	InMetro	1000 ppm.m	40-120m

Notes:

120-200m path length not available in 1000 ppm.m range.

Senscient ELDS - OPEN PATH LASER GAS DETECTION

METHANE - CH4 - HVAC - Ventilation Zone

Part Number	Description	Approval	Measurement	Length
VZ-1020-3	ELDS	ATEX/IECEX	10% LEL.m	0.5-5m
VZ-1020-4	ELDS	CSA/UL	10% LEL.m	0.5-5m
VZ-1020-5	ELDS	EAC TC RU	10% LEL.m	0.5-5m
VZ-1020-7	ELDS	InMetro	10% LEL.m	0.5-5m
VZ-1021-3	ELDS	ATEX/IECEX	25% LEL.m	0.5-5m
VZ-1021-4	ELDS	CSA/UL	25% LEL.m	0.5-5m
VZ-1021-5	ELDS	EAC TC RU	25% LEL.m	0.5-5m
VZ-1021-7	ELDS	InMetro	25% LEL.m	0.5-5m
VZ-1022-3	ELDS	ATEX/IECEX	100% LEL.m	0.5-5m
VZ-1022-4	ELDS	CSA/UL	100% LEL.m	0.5-5m
VZ-1022-5	ELDS	EAC TC RU	100% LEL.m	0.5-5m
VZ-1022-7	ELDS	InMetro	100% LEL.m	0.5-5m

METHANE - CH4 - HVAC - Cross Duct*

XD-1020-3	ELDS	ATEX/IECEX	10% LEL.m	0.5-5m
XD-1020-4	ELDS	CSA/UL	10% LEL.m	0.5-5m
XD-1020-5	ELDS	EAC TC RU	10% LEL.m	0.5-5m
XD-1020-7	ELDS	InMetro	10% LEL.m	0.5-5m
XD-1021-3	ELDS	ATEX/IECEX	25% LEL.m	0.5-5m
XD-1021-4	ELDS	CSA/UL	25% LEL.m	0.5-5m
XD-1021-5	ELDS	EAC TC RU	25% LEL.m	0.5-5m
XD-1021-7	ELDS	InMetro	25% LEL.m	0.5-5m
XD-1022-3	ELDS	ATEX/IECEX	100% LEL.m	0.5-5m
XD-1022-4	ELDS	CSA/UL	100% LEL.m	0.5-5m
XD-1022-5	ELDS	EAC TC RU	100% LEL.m	0.5-5m
XD-1022-7	ELDS	InMetro	100% LEL.m	0.5-5m

* XD orders must include a mount plate with every unit.

METHANE - CH4 - HVAC - Coal Bed*

XC-1021-3	ELDS	ATEX/IECEX	25% LEL.m	0.5-5m
XC-1021-4	ELDS	CSA/UL	25% LEL.m	0.5-5m
XC-1021-5	ELDS	EAC TC RU	25% LEL.m	0.5-5m
XC-1021-7	ELDS	InMetro	25% LEL.m	0.5-5m
XC-1022-3	ELDS	ATEX/IECEX	100% LEL.m	0.5-5m
XC-1022-4	ELDS	CSA/UL	100% LEL.m	0.5-5m
XC-1022-5	ELDS	EAC TC RU	100% LEL.m	0.5-5m
XC-1022-7	ELDS	InMetro	100% LEL.m	0.5-5m

* XC orders must include a mount plate with every unit.

METHANE - CH4 - HVAC - Mounting Plates

A-5123-0	ELDS	XD, Mount Plates	400mm (with ELDS Purchase)
A-5124-0	ELDS	XD, Mount Plates	250mm (with ELDS purchase)
A-5125-0	ELDS	XD, Mount Plates	180mm (with ELDS Purchase)

Senscient ELDS - OPEN PATH LASER GAS DETECTION

SOUR GAS - CH4 / H2S

<u>Part Number</u>	<u>Description</u>	<u>Approval</u>	<u>Measurement</u>	<u>Length</u>
S-2013-3	ELDS	ATEX/IECEX	250 ppm.m	5-60m
S-2013-4	ELDS	CSA/UL	250 ppm.m	5-60m
S-2013-5	ELDS	EAC TC RU	250 ppm.m	5-60m
S-2013-7	ELDS	InMetro	250 ppm.m	5-60m
S-2033-3	ELDS	ATEX/IECEX	500 ppm.m	5-60m
S-2033-4	ELDS	CSA/UL	500 ppm.m	5-60m
S-2033-5	ELDS	EAC TC RU	500 ppm.m	5-60m
S-2033-7	ELDS	InMetro	500 ppm.m	5-60m
S-2043-3	ELDS	ATEX/IECEX	15000 ppm.m	5-60m
S-2043-4	ELDS	CSA/UL	15000 ppm.m	5-60m
S-2043-5	ELDS	EAC TC RU	15000 ppm.m	5-60m
S-2043-7	ELDS	InMetro	15000 ppm.m	5-60m

ACCESSORIES:

A-5000-1	ELDS General Alignment Scope (not for XD, XC, or VZ)
A-5030-2	ELDS Glass Gassing Cell
A-5040-1	ELDS Stainless Steel Tags
A-5060-1	ELDS Computer, UL1604
A-5060-2	ELDS Computer, ATEX Zone2
A-5060-3	ELDS Computer, Australia
A-5060-4	ELDS Tablet, C1Z2 HazLoc
A-5065-0	ELDS Tablet, General Purpose
A-5101-1	ELDS RS485 Interface Cable
A-5080-1	ELDS Sunshade, Standard
A-5080-2	ELDS Sunshade, Screw Spare
A-5081-2	ELDS Sunshade, Large
A-5080-7	ELDS Snow Covers, in place of Sunshade
A-5080-8	ELDS Snow Covers
A-5080-3	ELDS Grounding Spares Kit
A-5080-4	ELDS Mounting Bracket
A-5080-5	ELDS Allen Key M12
A-5080-6	ELDS Replacement Housing Lid
A-5140-1	ELDS U-Bolt, Standard
A-5150-3	ELDS SS Reducers, M25(male) to M20(female)
A-5121-2	ELDS XD Gassing Cell
A-5130-0	ELDS XD Alignment Bushing Kit
A-5135-0	ELDS XD Mount Plates 400mm
A-5136-0	ELDS XD Mount Plates 250mm
A-5137-0	ELDS XD Mount Plates 180mm
A-5047-0	ELDS XD High Temp Window
A-5047-1	ELDS XD Replacement Lens
A-5002-1	ELDS XD Alignment Scope, Red Dot
A-5003-1	ELDS XD Scope Adapter Kit
A-5001-1	ELDS VZ Alignment Scope