

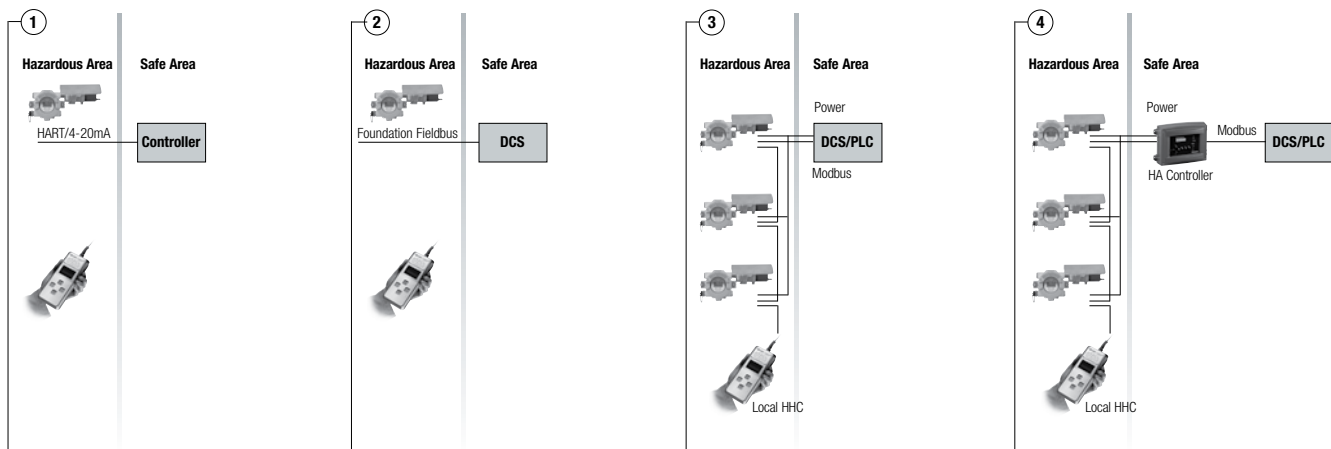
Sieger Searchpoint Optima Plus SPECIFICATIONS



Searchpoint Optima Plus Specification

Output	
Measuring range	4-20 mA sink or source, (Default current source)
Inhibit	1-3 mA (Default 2 mA)
Warning	0-4 mA (Default 4 mA)
Fault	0 mA
Over range	20-21.5 mA (Default 21 mA)
Digital Output	Optional Multidrop Modbus RS485 (via DVC/DX100(m))
Material	316 stainless steel
Weight	1.6 kg
Accuracy	
Optima PLUS (HC)	Baseline < ±1% LEL, 50% FSD <±2% LEL
Optima PLUS (ET)	Baseline < ±2% LEL, 50% FSD <±3% LEL
Repeatability	< ±2% LEL at LEL 50% FSD
Linearity	< 5% FSD
Response time	T50 < 4.5 seconds, T90 < 6.5 seconds (for methane, including weather protection)
Operational and certified	-40°C to +65°C temperature range
Drift with time and over temperature range	-40°C to +65°C Baseline < ±2% LEL 50% FSD < ±4% LEL
Drift with pressure	0.1% (of reading) per mbar
Power supply	18-32 V (24 V nom) DC, < 4.5 W max
Environmental protection	IP 66/67
Diagnostics (and re-calibration)	Via certified Hand Held Interrogator
Safety approvals	CENELEC (BASEEFA), SAA Ex II 2 G EEx d IIC T5 (T _{amb} -40°C to +55°C) T4 (T _{amb} -40°C to +65°C) UL/CSA Class 1, Div 1, groups B, C, and D (-40°C to +65°C) FTZU, BKI, GOST
Performance approvals	FM, DMT EN50054, CSA C22.2 152.
EMC compliance	EN 50270

Installation Options



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Toll-free: 800.538.0363

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