

WirelessHART® Toxic & Combustible Gas Detector Annex 1

"UE Sensor P/N"	"UE Replacement P/N"	Sensor Type	Gas Type	Gas Formula	Gas Range	Sensing Element P/N	Sensing Element Rev	Approvals	Temperature Range
6361-801	62169-45	NDIR	Methane	CH4	0-100% LEL	62149-186	B	Ref. I&M	-20°C to 50°C
6361-813	62149-54	NDIR	Methane	CH4	0-100% LEL	62149-186	C	Ref. I&M	-40°C to 65°C
6361-802	62149-46	Electrochemical	Hydrogen Sulfide	H2S	0-100 PPM	62149-185	A	Ref. I&M	-20°C to 50°C
6361-814	62149-53	Electrochemical	Hydrogen Sulfide	H2S	0-100 PPM	62149-232	A	Ref. I&M	-40°C to 65°C

Sensor Cross Sensitivity:

Typical Cross Sensitivity of Hydrogen Sulfide (H₂S)

Gas	ppm Tested	Signal (as ppm H ₂ S)
Carbon Monoxide	400	1.3
Hydrogen Sulfide	25	25.0
Ozone	5	-0.6
Nitrogen Dioxide	10	0.2
Sulfur Dioxide	20	3.5
Ethanol	200	-0.3
NO	50	15.9
Chlorine	10	-0.5
n-Heptane	500	-0.1
Ammonia	100	0.0
Methane	500	0.1

Typical Cross Sensitivity of Methane (CH₄)

