

EEx Sentry™ Visibility Sensor Options & Accessories

P/N & Name	Description / Applicability
Power Options (-x)	Provides the user with AC or DC power options. User must select one power option: <ul style="list-style-type: none"> • "E" 12 +/- 2 VDC • "F" 24 +/- 2 VDC
Analog Output Options (-y)	Provides the user with a range of analog output options. User may select one or more output options: <ul style="list-style-type: none"> • "-1" 0-10 VDC analog output standard • "-2" 0-5 VDC analog output optional • "-A" Standard 4-20 ma current loop option with single-ended configuration. Operates over loop resistance up to 500 ohms. • "-B" Isolated 4-20 ma current loop option for installations prone to ground loops. Operates over loop resistance up to 500 ohms.
Relay Output Options (-z) <i>Note—you may order either the Relay or Serial output options but not both!</i>	Provides the EEx Sentry™ with analog control & diagnostic relays for simple control of fog horns. <i>With this option, the "-1" 0-10 VDC Analog Output must be specified.</i> Order the 3-Relay Output PCB P/N 30005 – option and select one or more of the options from the list below: <ul style="list-style-type: none"> • "-C" Control relay output #1 with user selectable activate/deactivate set points. SPDT relay provides NO & NC dry contacts rated for 100 VDC @ 0.25A. • "-D" Diagnostic relay output provides remote indication of sensor status. SPDT relay provides NO & NC dry contacts rated for 100 VDC @ 0.25A. • "-E" Control relay output #2 with user selectable activate/deactivate set points. SPDT relay provides NO & NC dry contacts rated for 100 VDC @ 0.25A.
Serial Output Options (-z)	Provides the EEx Sentry™ with a powerful microprocessor to perform user selected averaging, alarms, units of measure, calibration, etc. Order the Microprocessor PCB P/N 30013 – option and select one or more of the options from the list below: <ul style="list-style-type: none"> • "-A" Serial ASCII RS-232 interface for distances up to 100 ft • "-B" Serial ASCII RS-422 interface for distances up to 4000 ft • "-C" Control relay output with user selectable activate/deactivate set points. SPDT relay provides NO & NC dry contacts rated for 100 VDC @ 0.25A. • "-D" Diagnostic relay output provides remote indication of sensor status. SPDT relay provides NO & NC dry contacts rated for 100 VDC @ 0.25A. • "-F" Serial ASCII Multidrop Addressable RS-485 interface for distances up to 4000 ft
P/N 30100 Latching Relay	Provides a latching relay output that maintains the control relay state during power failures or battery savings power down cycles. Must be used with either "C" or "E" control relay options described above. NO dry contacts rated for 30 VDC or 125 VAC @ 1A.
P/N 30023 Serial Test Cable	Serial cable connects from local RJ11 jack on Microprocessor PCB to DB9 connector on user Laptop. Used for sensor set-up and calibration using the local port. 4-m (13 ft) long.
P/N 20104 Calibration Fixture	Used during installation and maintenance of the sensor. Contains all items required to field calibrate the EEx Sentry™ in a foam-lined attaché style carrying case. When installed on the sensor frame, it allows a known amount of light to be scattered from the transmitter to the receiver. Each Fixture is calibrated as a pair with its matching EEx Sentry™ and contains the same serial number. One fixture is supplied with each EEx Sentry™ ordered.



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