Model ..-XPE-43 Explosion-Proof Enclosures

For MINI-SCREEN®, MICRO-SCREEN®, or EZ-SCREEN™ Emitters and Receivers



Features

- Explosion-proof enclosures for light screen emitters or receivers
  - Model **MS-XPE-43** includes hardware to mount 32", 36", or 40" MINI-SCREEN emitter or receiver
  - Model **US-XPE-43** includes hardware to mount 32", 36", or 40" MICRO-SCREEN emitter or receiver
  - Model **SS-XPE-43** includes hardware to mount 750 mm, 900 mm, or 1050 mm EZ-SCREEN emitter or receiver
- Cast aluminum box and cover are designed and manufactured to be in compliance with UL and CSA for the following hazardous atmospheres, per NEC Article 500: Class I, Division 1, Groups C & D and Class II, Division 1, Groups E, F, & G
- Inside of housing is pre-drilled and tapped for mounting hardware
- Standard $^{3}/_{4}$"-NPT access is provided at bottom of enclosure for user-supplied explosion-proof conduit and fittings

Hardware

Hardware included with model MS-XPE-43 (for MINI-SCREEN; see Figure 1):

(2) Brackets
(4) M4 x 0.7 x 10 mm long Sems screws (fastens emitter or receiver to top bracket)
(1) M30 washer (for bottom bracket)
(1) M30 nut (fastens emitter or receiver to bottom bracket)
(4) Anti-vibration mounts
(4) M4 Keps nuts

Hardware included with model US-XPE-43 (for MICRO-SCREEN; see Figure 2):

(2) Brackets
(4) M3 x 0.5 x 7 mm long Sems screws (fastens emitter or receiver to bracket)
(4) M6 x 1 x 8 mm long screws (fastens brackets to enclosure)
(1) Wrench

Hardware included with model SS-XPE-43 (for EZ-SCREEN; see Figure 3):

(2) Brackets
(4) M5 x 0.5 x 7 mm long Sems screws (fastens emitter or receiver to bracket)
(4) M6 x 1 x 8 mm long screws (fastens brackets to enclosure)
(1) Wrench

WARNING . . .

To prevent ignition of hazardous atmospheres, all wiring must be contained in explosion-proof conduit, which has a suitable rating for the specific environment. All conduit runs must be terminated at the enclosure, using an explosion-proof conduit fitting which is suitable for the specific environment. Refer to Article 500 of the National Electrical Code, or the equivalent code for your country, for more information.

Always disconnect all sources of electrical current before opening the enclosure. Keep the enclosure tightly closed whenever any electrical circuit is "alive."

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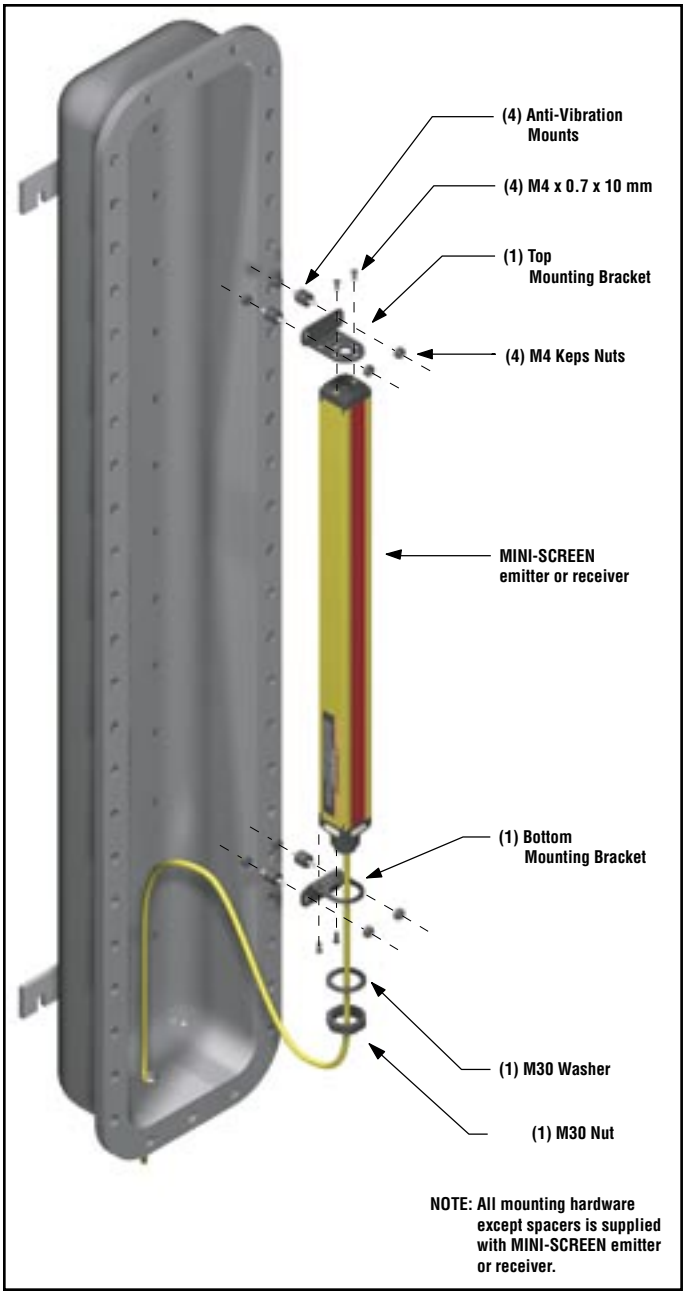


Figure 1. Model MS-XPE-43 housing with sensor mounting hardware

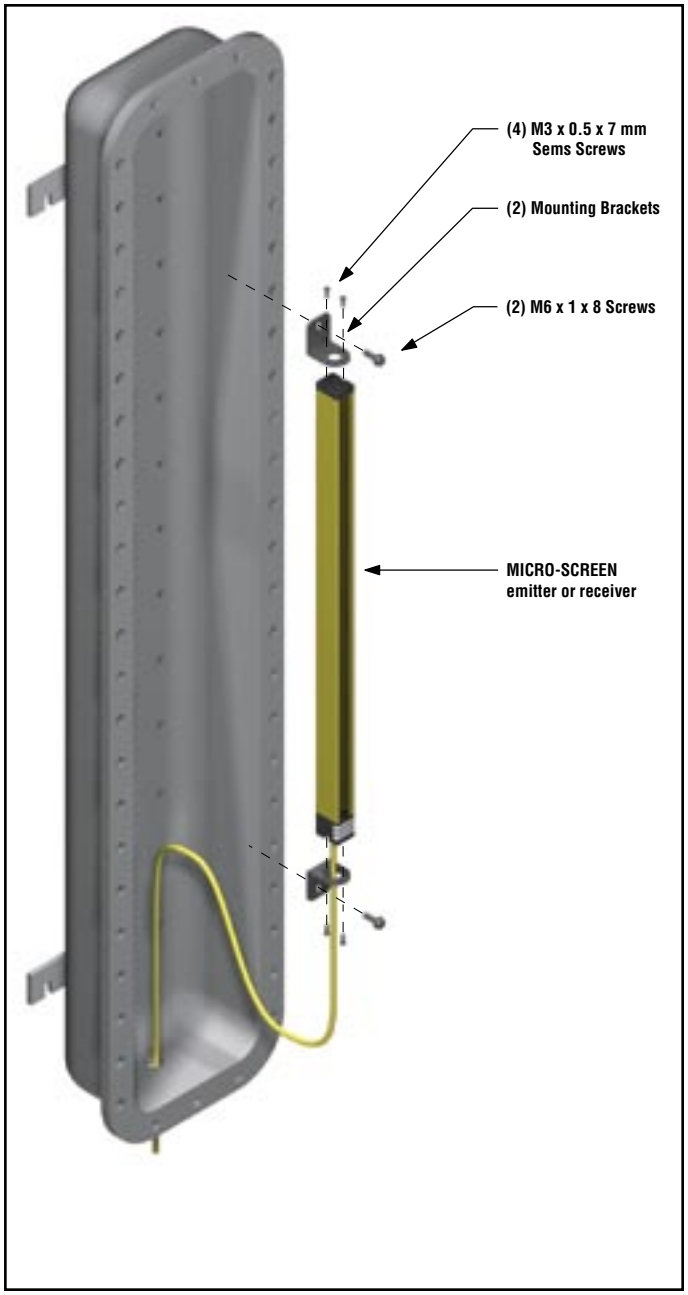


Figure 2. Model US-XPE-43 housing with sensor mounting hardware

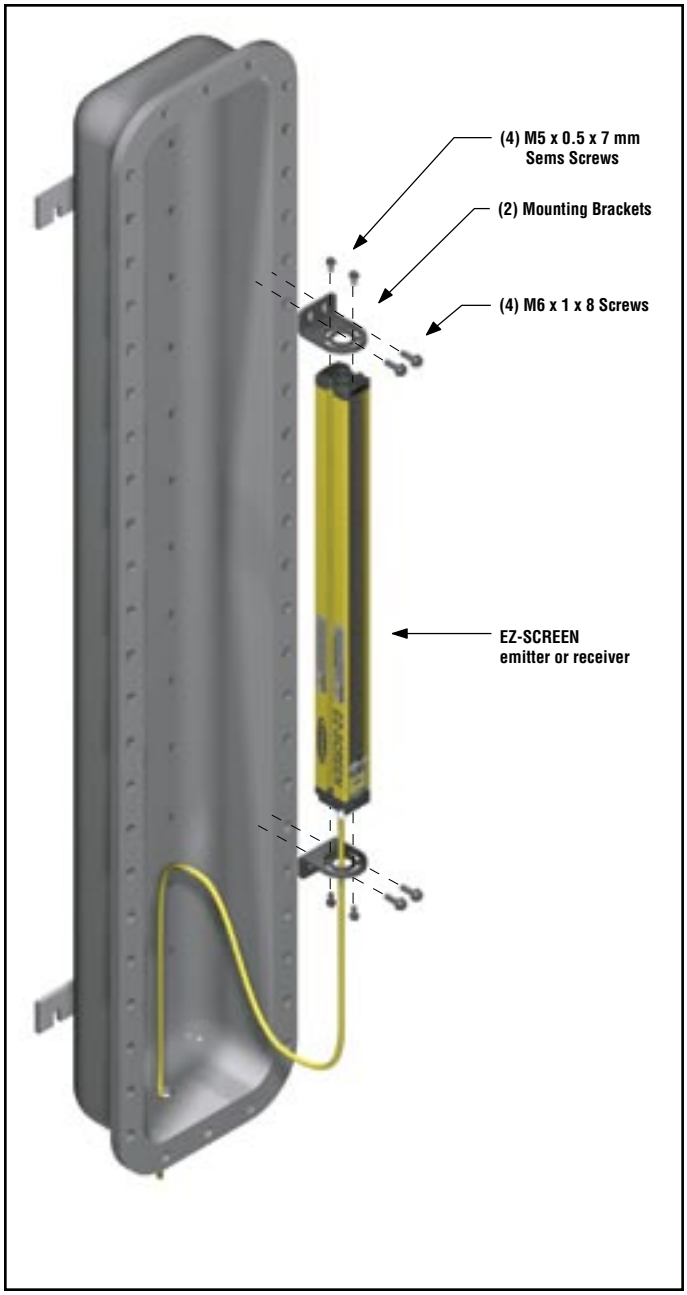


Figure 3. Model SS-XPE-43 housing with sensor mounting hardware

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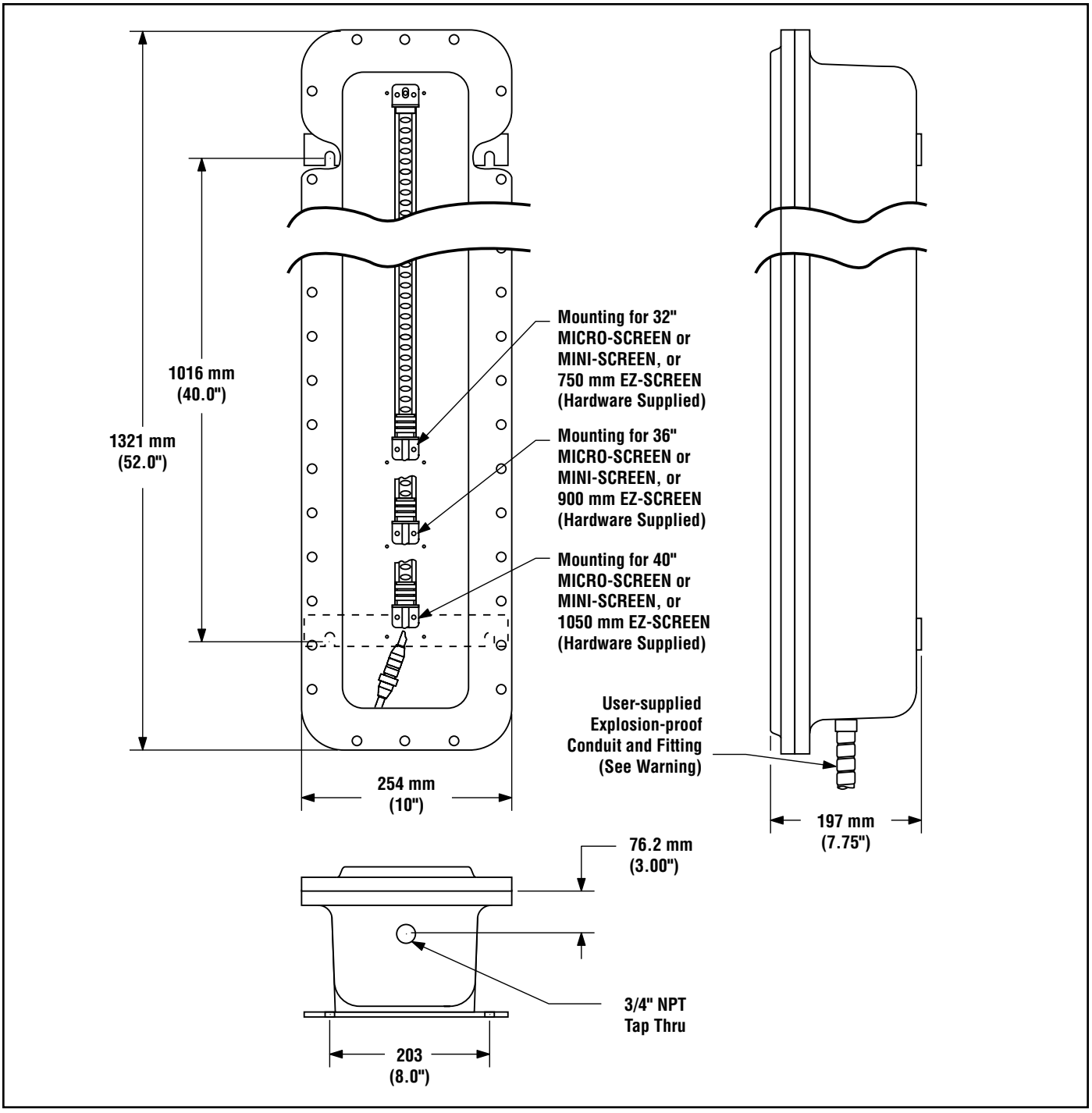


Figure 4. Explosion-proof enclosure dimensions and features

more sensors, more solutions

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