CERVIS INC.

SAFE IN **HAZARDOUS** LOCATIONS



HHMS **Ex**

Same Great Features. Intrinsically Safe Design.

- **Meets multiple UL/CSA, ATEX, and IECEx Certifications**
- Inherently anti-static and intrinsically safe for hazardous environments
- Durable and powerful with certified Energizer batteries
- Comfortable handheld design with reliable operation, even with gloved hands
- Versatile motion control with eight pushbuttons, great for overhead material handling and industrial applications where intrinsic safety is required

Get in Touch

724-741-9000

cervisinc.com

Intrinsically Safe Design

HHMS Ex Overview

The Cervis HHMS Ex is an industrial transmitter designed for use in hazardous environments. It has eight dual redundant, 2, 3, or any-step buttons for motion control. Just like our traditional HHMS handheld, the Ex is a comfortable pendant-style controller suitable for gloved operation.

The Ex is unique because the enclosure and overall design are intrinsically safe for use in hazardous locations. Most similar products undergo a secondary coating process to add a protective anti-static layer. These coatings wear off over time, requiring additional applications to stay safe.

The plastic of the Ex enclosure is manufactured to have anti-static properties, so it can't be rubbed off or worn away. The unit is also powered by Energizer batteries that are certified as intrinsically safe, user-replaceable, and easily disposable, reducing the cost of ownership. Along with the transmitter, a protective boot, which is also anti-static, is added to the handheld for increased durability.

HHMS Ex Transmitter Specs

Buttons and Controls

- 8 Dual Redundant 2, 3, or Any Step Pushbuttons
- Mushroom-Style On/Off, Start/Horn, AUX

Power

- Energizer Certified Cells

Radio

- 900, 100mW output power, DSSS
- 2.4 Hz, 100mW output power, DSSS

Enclosure

- Anti-static Plastic
- Dimensions: 3.0" x 8.7" x 1.68"
- Anti-Static, Impact Absorbing Bumper
- Optional Strap and Antenna Isolator

Meets the Following Certifications

ATEX/IECEx

- Ex ia IIC T4 Ga (-20 °C ≤ Ta ≤ +60 °C)

UL/CSA

- 913 Class I, Division 1 Groups A, B, C and D T4
- 60079-0 and 60079-11 Class I, Zone 0
- AEx.ia IIC T4 Ga (US)
- Ex ia IIC T4 Ga (Canada)

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