

FALCON EX

MOTION SENSOR WITH EXPLOSION-PROOF / FLAME-PROOF HOUSING



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TECHNOLOGY

CERTIFICATIONS







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DESCRIPTION

BEA's **FALCON EX** combines a microwave activation sensor with an explosion-proof / flame-proof housing, which is ideal for use in unique environments such as chemical manufacturing, petroleum refining and agriculture.

The **FALCON EX** can be mounted from 11 $\frac{1}{2}$ feet to 23 feet to fit any industrial application. For lower mounting heights, BEA's **FALCON EX XL** can be mounted from 6 $\frac{1}{2}$ feet to 11 $\frac{1}{2}$ feet. The **FALCON EX WIDE** is available for wide

detection fields, with a mounting height range of 11 $\frac{1}{2}$ feet to 21 feet.

The explosion-proof / flame-proof housing is a NEMA 4X, water-proof rated enclosure designed as an IP66 housing. This housing achieves UL Class I, Div. 1, Groups B, C, D; Class II, Div. 1 & 2, Groups E, F, G; and Class III*.

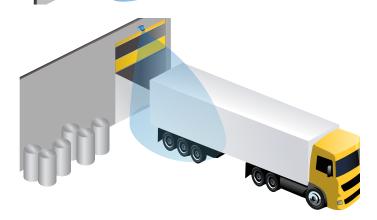
* Adalet / Scott Fetzer Co., UL Listing #E81696



Bidirectional, unidirectional approach and unidirectional depart microwave detection options



Six modes of detection filtering for pedestrian and parallel traffic rejection



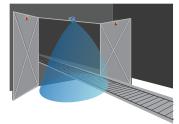
Easy To Program

Remote control programming enables user to quickly and safely make changes from the ground

Explosion-proof And Highly Durable

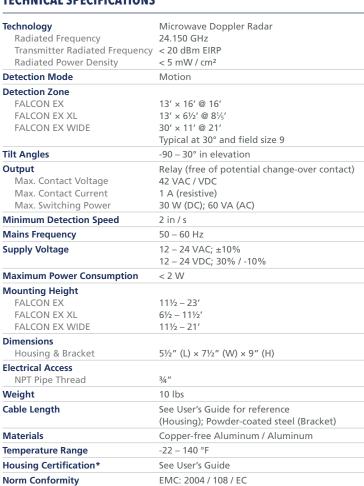
Explosion-proof / flame-proof housing weighs 11 pounds

APPLICATIONS



Mine Door

TECHNICAL SPECIFICATIONS







Petroleum Refinery

Grain Elevator

PRODUCT SERIES



10FALCONEX100

Standard mounting

10REMOTE

control

BEA universal remote

10FALCONEXW

w/30 ft cable

heights w/100 ft cable



10FALCONEXXL100

Low mounting heights

w/100 ft cable



10FALCONEXW100 Wide detection fields w/100 ft cable





10WBA

bracket arm

Universal mounting



Pedestrian & Parallel Traffic Rejection



10FALCONEXXL w/30 ft cable



10WBAMOUNT Universal mounting bracket plate

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