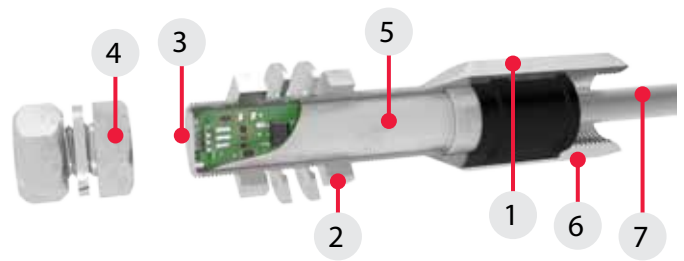




## Hawkeye HX

### Rugged, corrosion proof for all hazardous locations

The explosionproof Hawkeye, with its stainless steel enclosure, is designed for service in harsh process environments. It features a solid state proximity sensor which is encased in a shock absorbent urethane potting material. Outputs for universal switching or NAMUR (EN 60947-5-6; I.S.) are standard options.



### Features

1. **316 stainless steel enclosure** is extremely durable and corrosion resistant.
2. **Stainless steel washers and fasteners** included with HX enable secure vibration resistant mounting.
3. **Solid state magnetic sensor** detects trigger at distances up to 6 mm (extended sensing range also available).
4. **Magnetic trigger is embedded** and sealed with a wide-temperature corrosion-resistant urethane in the included stainless steel bolt.
5. **Sensor electronics are urethane sealed** in a module which is additionally sealed within the stainless steel enclosure assuring high tolerance to shock and vibration.
6. **All conduit/connector options** (½" NPT, M20 and cable gland) are available with standard 6-foot cord lengths allowing flexible wiring options.
7. **No seal offs are required** with explosionproof conduit systems reducing installation costs.
8. **Suitable for most hazardous locations** explosionproof, flame proof Div 1/Zone 1; intrinsically safe Div 1/Zone 0; nonincendive Div 2/Zone 2.

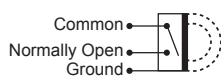


## Sensor specifications

### SST switching sensor (35)

Configuration	(1) SST magnetic solid state sensor
Operations	Normally open (NO) for Normally closed (NC), consult factory
Maximum current inrush	1.0 amp
Maximum current continuous	0.25 amp
Maximum leakage current	0.02 mA (DC) 0.25 mA (AC)
Voltage range	8 to 250 VDC 20 to 250 VAC
Maximum voltage drop	6.5 volts @ 10 mA 7.2 volts @ 100 mA

#### Wiring diagram (35) normally open



### NAMUR sensor (45)

Configuration	(1) NAMUR sensor (EN 60947-5-6; I.S.)
Operation	Normally closed (NC) NAMUR sensor (solid state)
Voltage range	5 to 29 VDC
Current ratings	Target on <1 mA Target off >3 mA

#### Wiring diagram (45)



## Ratings

Explosionproof (Ex d, Zone 1 or Class I and II, Div. 1)	All models*
Nonincendive (Class I and II, Div. 2)	All models*
Intrinsically safe (Ex ia, Zone 0 or Class I and II, Div. 1)	Function 45*

### Enclosure protection

NEMA	4, 4X and 6 (all models)
Ingress Protection	IP67/68

### Approvals\*

See StoneL.com/approvals

\* Only models listed on Stonel's official web site are approved per specific rating.

## Model selector

### SERIES

HX Explosionproof Hawkeye

### FUNCTION

- 35 SST 240V sensor (NO type sensor)
- 45 NAMUR sensor (EN 60947-5-6; I.S.)

### ENCLOSURE

- S Stainless steel North American (NEC/CEC)
- T Stainless steel International (IEC)

### CONDUIT/CONNECTORS

- 01 (1) ½" - 14-NPT
- 02 (1) M20 x 1.5
- 03 Cable gland (Ex d) [select enclosure option "T"]

### FEATURES

- SM Standard

Model number example

HX 35 S 01 SM - OPTIONAL

### MODEL NUMBER

Mounting hardware required  
and sold separately.

### PARTNERSHIP ID

Some models may include  
5-digit identification suffix.

## Specifications

### Materials of construction

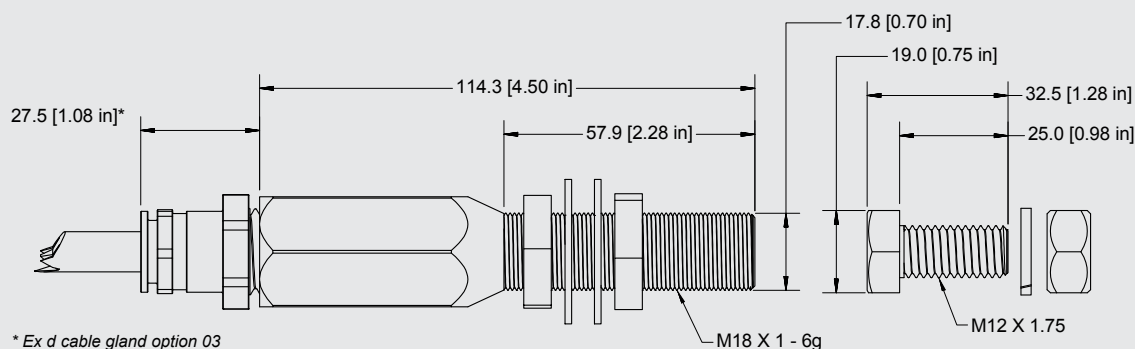
Enclosure and fasteners	316 stainless steel
Trigger	316 stainless steel and urethane

### Other specifications\*

Conduit connection	½" NPT or M20
Wiring	72" (1.8 meters) length 18 gauge multi-strand in a single jacket ITC and PLTC rated
Sensing distance	4-6 mm Extended range available
Temperature range	-40° C to 80° C (-40° F to 176° F) Consult factory for ultra-cold temperature
Warranty	Five years

\* Detailed technical specifications available in the installation manual available on Stonel's official web site. Consult factory for additional specifications.

## Dimensions - mm [inches]



\* Ex d cable gland option 03