

## DESCRIPTION

MICRO SWITCH EX Series switches feature the smallest UL-listed housings available for use in hazardous locations. The EX Series switch cavity is designed to cool expanding gases below the ignition temperature of the surrounding explosive atmosphere. The EX Series is capable of switching up to 20 amps while providing ample wiring space for ease of installation. Single and double conduit openings are available. Dual conduit openings may allow for through wiring of multiple switches. The EX Series can be mounted from any of the switch's four sides.

## VALUE TO CUSTOMERS

- Honeywell has over 80 years of switch manufacturing experience covering most environment types
- Proven technology plus superior quality and service are offered worldwide. The EX Series holds multiple agency approvals, including CE, IEC Ex, UL, CSA, INMETRO, and ATEX directives
- Multiple actuator options make the EX Series a good choice for indoor explosion-proof applications
- Smallest UL-listed, power-load carrying switch available for use in hazardous locations


## FEATURES

- Compact and rugged housing
- Ample wiring space that eases installation time
- Four-sided mounting with optional mounting bracket
- Dual conduit openings on select models
- Broad range of actuator styles available in pin plunger and rotary configurations.
- Switching capacity from 1 A for low energy loads, up to 20 A for most industrial electrical loads
- Rotary actuators are field adjustable for quick set up and application adaptability
- Roller lever actuators are adjustable through $360^{\circ}$ of rotation
- $1 E X$ and $2 E X$ listings have dual conduit openings enabling "wire through" or allowing the user to split the wiring of a double pole switch with one pole exiting each side
- Manufactured for harsh and explosive environments
- International approvals for use around the world


## APPLICATIONS

- Industrial paint booths
- Petroleum and chemical plants
- Processing facilities


## PORTFOLIO

The EX Series is part of the MICRO SWITCH family of hazardous area switches that include the $B X$,
BX2, LSX, VPX, CX, GSX, GXS and 14CE100 Series switches. To view the entire product portfolio, click here.

## MICRO SWITCH HAZARDOUS AREA LIMIT SWITCH, EX SERIES



[^0]| Rating code | Circuitry | Electrical rating |
| :---: | :---: | :---: |
| A | SPDT | UL/CSA Rating: <br> $15 \mathrm{~A}, 125,250$, or 480 Vac <br> 1/8 HP, 125 Vac; $1 / 4$ HP, 250 Vac <br> 0.5 A, $125 \mathrm{Vdc} ; 0.25$ A 250 Vdc |
| B | SPDT | UL/CSA Rating: <br> 20 A, 125, 250, or 480 Vac <br> $10 \mathrm{~A}, 125 \mathrm{Vac}$ "L" <br> 1 HP, 125 Vac; 2 HP, 250 Vac <br> 0.5 A, 125 Vdc; 0.25 A, 250 Vdc |
| C | DPDT | UL/CSA Rating: <br> $10 \mathrm{~A}, 125$ or 250 Vac <br> 0.3 A, 125 Vac; 0.15 A 250 Vdc |
| D | SPDT | UL/CSA Rating: <br> $10 \mathrm{~A}, 125,250$, or 480 Vac <br> 0.5 A, $125 \mathrm{Vdc} ; 0.25$ A 250 Vdc |
| E | SPDT | UL Rating: 1 A, 125 Vac |
| F | SPDT | UL/CSA Rating: <br> 3 A, 125 or 250 Vac <br> 1/10 HP, $125 \mathrm{Vac} ; 1 / 6 \mathrm{HP}, 250 \mathrm{Vac}$ |
| G | SPDT | UL/CSA Rating: <br> 5 A, 125, 250, or 480 Vac ; $0.50 \mathrm{~A}, 125 \mathrm{Vdc} ; 0.25 \mathrm{~A}, 250 \mathrm{Vac}$ |


| Rating code | Classification |
| :---: | :---: |
| 1 | Explosion Proof-UL listed for Hazardous Locations NEMA 7, Class I, Groups B, C, and D NEMA 9, Class II, Groups E, F, and G |
| 2 | Explosion Proof-UL listed for Hazardous Locations <br> NEMA 7, Class I, Groups C and D <br> NEMA 9, Class II, Groups E, F, and G |
| 3 | European Hazardous Locations Designation: Ex db IIB + H2 T6 Category II 2 G |
| 4 | European Hazardous Locations Designation: <br> Ex db IIB + H2 T2 Category II 2 G |
| 5 | Brazilian Hazardous Location Designation: Ex db IIB + H2 T6 Gb |
| 6 | Brazilian Hazardous Location Designation: Ex db IIB + H2 T2 Gb |


| Series | Code | ATEX Temperature Rating |
| :---: | :---: | :---: |
| EX | T6 | $-40^{\circ} \mathrm{C}$ to $70^{\circ} \mathrm{C}\left[-40^{\circ} \mathrm{F}\right.$ to $\left.158{ }^{\circ} \mathrm{F}\right]$ |
| EXHT | T2 | $-40^{\circ} \mathrm{C}$ to $204^{\circ} \mathrm{C}\left[-40^{\circ} \mathrm{F}\right.$ to $\left.400^{\circ} \mathrm{F}\right]$ |

## MICRO SWITCH HAZARDOUS AREA LIMIT SWITCH, EX SERIES

| MICRO SWITCH EX SERIES ORDER GUIDE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { 요 } \\ & \frac{0}{0} \\ & \frac{1}{0} \\ & 0 \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  | $\begin{aligned} & \stackrel{0}{*} \\ & \stackrel{0}{0} \\ & \text { Z } \end{aligned}$ |
|  | EX-AR | CW* | SPDT | $15 \mathrm{~A}$ <br> (A) | 2, 3, 5 | 2,22 N to 5,56 <br> N [8 oz to 20 oz] | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ |  |
|  | EX-AR141 | CW* | SPDT | $\begin{aligned} & 15 \mathrm{~A} \\ & \text { (A) } \end{aligned}$ | 2, 3, 5 | 2,22 N to 5,56 <br> N [8 oz to 20 oz] | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ | No mounting bracket |
|  | EXA-AR | CW* | SPDT | $20 \mathrm{~A}$ (B) | 2, 3, 5 | 3,34 N to 8,90 <br> N [12 oz to 32 $\mathrm{oz}]$ | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $25^{\circ}$ | $\begin{gathered} 0,304 \\ {[0.012]} \end{gathered}$ |  |
|  | EXA-AR20 | CW* | SPDT | $15 \mathrm{~A}$ <br> (B) | 2, 3, 5 | - | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $25^{\circ}$ | - | No lever furnished (order separately) |
|  | EX-AR16 | CW or CCW* | SPDT | $\begin{aligned} & 15 \mathrm{~A} \\ & \text { (A) } \end{aligned}$ | 2, 3, 5 | $\begin{gathered} 0,56 \mathrm{~N}[2 \mathrm{oz}] \\ \text { max. } \end{gathered}$ | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ | Low O.F. <br> (no return spring) without mounting bracket |
|  | $\begin{gathered} \text { EX- } \\ \text { AR1613 } \end{gathered}$ | CW* | SPDT | $15 \mathrm{~A}$ <br> (A) | 2, 3, 5 | $\begin{gathered} 0,56 \mathrm{~N}[2 \mathrm{oz}] \\ \text { max. } \end{gathered}$ | $16^{\circ} \pm 2^{\circ}$ | $\begin{aligned} & 40^{\circ} \\ & \text { min. } \end{aligned}$ | - | 0.125 in $\times 5.28$ in aluminum lever (no mounting bracket) |
|  | EX-AR20 | CW* | SPDT | $\begin{gathered} 15 \mathrm{~A} \\ \text { (A) } \end{gathered}$ | 2, 3, 5 | $\begin{gathered} 3,81 \mathrm{~N} \text { to } 9,53 \\ \mathrm{~N} \\ {[12.5 \mathrm{oz} \text { to }} \\ 31.25 \mathrm{oz}] \end{gathered}$ | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ | No lever furnished (order separately) |
|  | EX-AR230 | CCW* | SPDT | $\begin{aligned} & 15 \mathrm{~A} \\ & \text { (A) } \end{aligned}$ | 2, 3, 5 | $\begin{gathered} 0,45 \mathrm{Nm} \\ {[4.0 \mathrm{in}-\mathrm{lb}]} \end{gathered}$ | $\begin{gathered} 1,65 \\ {[0.065]} \end{gathered}$ | $25^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ | No lever furnished (order separately) |
|  | $\begin{gathered} \text { EX- } \\ \text { AR471-3 } \end{gathered}$ | CW* | SPDT | $15 \mathrm{~A}$ <br> (A) | 2, 3, 5 | 3,34 N to 7,32 <br> N [12 oz to 24 $\mathrm{oz}]$ | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,533 \\ {[0.021]} \\ \left(0.75^{\circ}\right) \end{gathered}$ | 36 inch leadwire |
|  | EX-AR50 | Manual operation | SPDT | $\begin{gathered} 15 \mathrm{~A} \\ \text { (A) } \end{gathered}$ | 2, 3, 5 | 11,12 N [40 oz] | - | $\begin{gathered} 3,18 \\ {[0.125]} \\ \mathrm{min} . \end{gathered}$ | $\begin{gathered} 0,077 \\ {[0.003]} \\ \text { approx. } \end{gathered}$ | Large 3 in $\times 3.5$ in paddle |

*Note: CW (Clockwise) and CCW (Counter-Clockwise) when looking at nameplate. EX Series switches are not sealed against liquids and are not intended to be used in liquid splash environments or outdoor use without protection. NEMA 1, 7, 9 only.
4 sensing.honeywell.com

## MICRO SWITCH HAZARDOUS AREA LIMIT SWITCH, EX SERIES

| MICR |  |  |  | GU |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { c} \\ & \stackrel{0}{0} \\ & 0 \\ & 0 \\ & 0 \\ & \hline 0 \end{aligned}$ |  |  |  |  |  |  |  | $\begin{aligned} & \text { © } \\ & \stackrel{0}{0} \\ & \underset{Z}{2} \end{aligned}$ |
|  | EX-AR128 | CW* | SPDT | $\begin{aligned} & 15 \mathrm{~A} \\ & (\mathrm{~A}) \end{aligned}$ | 2, 3, 5 | 2,22 N to 5,56 <br> N [8 oz to 20 oz] | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ | One-way roller lever |
|  | EXD-AR-3 | CW* | DPDT | $\begin{aligned} & 10 \mathrm{~A} \\ & \text { (C) } \end{aligned}$ | 1,3,5 | 2,44 N to 7,32 <br> N [8 oz to 24 oz] | $\begin{gathered} 6,35 \\ {[0.25]} \end{gathered}$ | $25^{\circ}$ | $\begin{gathered} 2,77 \\ {[0.109]} \end{gathered}$ | 36 inch wire leads |
|  | EXA-N | Plunger | SPDT | $\begin{gathered} 20 \mathrm{~A} \\ \text { (B) } \end{gathered}$ | 2, 3, 5 | 15,57 N [56 oz] | $\begin{gathered} 2,77 \\ {[0.109]} \end{gathered}$ | $\begin{gathered} 3,18 \\ {[0.125]} \\ \text { min. } \end{gathered}$ | $\begin{gathered} 0,229 \\ {[0.009]} \end{gathered}$ | With seal boot |
|  | EXA-Q | Plunger | SPDT | $20 \mathrm{~A}$ (B) | 2, 3, 5 | 8,90 N [32 oz] | $\begin{gathered} 1,27 \\ {[0.05]} \end{gathered}$ | $\begin{gathered} 3,18 \\ {[0.125]} \\ \text { min. } \end{gathered}$ | $\begin{gathered} 0,229 \\ {[0.009]} \end{gathered}$ |  |
|  | EXHT-Q | Plunger | SPDT | $\begin{aligned} & 3 \mathrm{~A} \\ & \text { (F) } \end{aligned}$ | 1,4,6 | 8,90 N [32 oz] | $\begin{gathered} 1,27 \\ {[0.05]} \end{gathered}$ | $\begin{gathered} 3,18 \\ {[0.125]} \\ \text { min. } \end{gathered}$ | $\begin{gathered} 0,229 \\ {[0.009]} \end{gathered}$ | $400^{\circ}$ high temperature |
|  | EX-Q400 | Plunger | SPDT | 5 A <br> (G) | 1,5 | 13,34 N [48 oz] | $\begin{gathered} 1,98 \\ {[0.078]} \end{gathered}$ | $\begin{gathered} 4,78 \\ {[0.188]} \end{gathered}$ | $\begin{gathered} 0,102 \\ {[0.004]} \end{gathered}$ | $400^{\circ}$ high temperature intermittent exposure |
|  | EXHT-AR | CW* | SPDT | $\begin{aligned} & 3 \mathrm{~A} \\ & \text { (F) } \end{aligned}$ | 1,4,6 | 3,34 N to 8,90 <br> N [12 oz to 32 <br> oz ] | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $25^{\circ}$ | $\begin{gathered} 0,406 \\ {[0.016]} \end{gathered}$ | $400^{\circ}$ high temperature |
|  | 1EX1 | CW* | SPDT | $\begin{aligned} & 15 \mathrm{~A} \\ & \text { (A) } \end{aligned}$ | 2, 3, 5 | 2,22 N to 5,56 <br> N [8 oz to 20 oz] | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $90^{\circ}$ | $\begin{gathered} 0,18 \\ {[0.007]} \\ \left(0.25^{\circ}\right) \end{gathered}$ | Dual conduit openings |
|  | 2EX1 | CW* | DPDT | $\begin{gathered} 20 \mathrm{~A} \\ \text { (B) } \end{gathered}$ | 2, 3, 5 | 3,34 N to 8,90 <br> N [12 oz to 32 $\mathrm{oz}]$ | $\begin{gathered} 5,56 \\ {[0.219]} \\ \left(8^{\circ}\right) \end{gathered}$ | $25^{\circ}$ | $\begin{gathered} 0,305 \\ {[0.012]} \\ \left(0.5^{\circ}\right) \end{gathered}$ | Dual conduit openings |

*Note: CW (Clockwise) and CCW (Counter-Clockwise) when looking at nameplate. EX Series switches are not sealed against liquids and are not intended to be used in liquid splash environments or outdoor use without protection. NEMA 1, 7, 9 only.

## MICRO SWITCH HAZARDOUS AREA LIMIT SWITCH, EX SERIES

## DIMENSIONAL DRAWINGS mm [in]

Figure 1. MICRO SWITCH EX Series, no lever


Figure 2. MICRO SWITCH EX Series, side rotary


Figure 3. MICRO SWITCH EX Series, side rotary with two conduit openings


Figure 4. MICRO SWITCH EX Series, one-way lever


Figure 5. MICRO SWITCH EX Series, rod lever


Figure 6. MICRO SWITCH EX Series, top pin plunger


Figure 7. MICRO SWITCH EX Series, boot sealed


Figure 8. MICRO SWITCH EX Series, manually actuated


## MICRO SWITCH HAZARDOUS AREA LIMIT SWITCH, EX SERIES

| TABLE 5. REPLACEMENT CATALOG LISTINGS |  |  |  |
| :---: | :---: | :---: | :---: |
| EX Series Part Number | Internal Switching Element/ Basic Switch | Actuator | Internal Springs |
| EXA-AR | BA-2R-P4 | 6PA5-EX | 33PA6-EX |
| EXA-Q | BZ-2R-P4 | 8PA15-EX | - |
| EX-AR | BZ-2R-P4 | 6PA5-EX | 33PA7-EX |
| EX-AR128 | BZ-2R-P4 | 6PA130-EX | 33PA7-EX |
| EX-AR16 | BZ-2RW88-P5 | 6PA5-EX | - |
| EX-AR1613 | BZ-2RW88-P5 | 6PA136-EX | - |
| EX-AR20* | BZ-2R-P4 | * | 33PA7-EX |
| EX-AR30 | BZ-2R-P4 | 6PA5-EX | 33PA5-EX |
| EX-AR50 | BZ-2R-P4 | 6PA134-OP | 33PA7-EX |
| EX-AR800 | BZ-2R-P4 | 6PA5-EX | 33PA7-EX |
| EXD-AR-3 | DT-2R4-A7 | 6PA5-EX | 33PA6-EX |
| EXD-AR30-3 | DT-2R711-A7 | 6PA5-EX | 33PA5-EX |
| EXD-Q-3 | DT-2R-A7 | 8PA77-EX | - |
| EXH-AR3 | 4HS2O2 | 6PA5-EX | 33PA6-EX |
| EXH-AR33 | 4HS2O3 | 6PA5-EX | 33PA6-EX |
| EX-N15 | BZ-2R15-P4 | 8PA12-EX | - |
| EX-Q | $B Z-2 R-P 4$ | 8PA15-EX | - |
| EX-Q800 | BZ-2R-P4 | 8PA15-EX | - |
| Double Conduit |  |  |  |
| 1EX1 | $B Z-2 R-P 4$ | 6PA5-EX | 33PA6-EX |
| 2EX1 | BZ-2R-P4 | 6PA5-EX | 33PA6-EX |
| 4EX1-3 | DT-2R4-A7 | 6PA5-EX | 33PA6-EX |

* Order levers separately

| TABLEG.ACTUATOR ORDER CODES |
| :---: | :---: | :---: | :---: |
| Part Number |

GROUNDING SCREW ASSEMBLY
(for equipped models only)



## MICRO SWITCH HAZARDOUS AREA LIMIT SWITCH, EX SERIES

| Listing | CW | ccw | Plunger | SPDT | DPDT | $\underset{\text { DB }}{2-\mathrm{CKT}}$ | 1 A | 10 A | 15 A | 20 A | $\begin{gathered} \text { Class } 1 \\ \text { Group } \\ \text { B } \end{gathered}$ | Preleaded |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EXA-AR62 | $\checkmark$ |  |  |  |  |  |  |  |  | $\checkmark$ |  |  |
| EXA-N |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  | $\checkmark$ |  |  |
| EX-AR1620 |  |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR-1621 |  |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR182 | $\checkmark$ |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR30 |  | $\checkmark$ |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR400 | $\checkmark$ |  |  | $\checkmark$ |  |  | 5 A |  |  |  |  |  |
| EX-AR420 | $\checkmark$ |  |  | $\checkmark$ |  |  | 5 A |  |  |  |  |  |
| EX-AR471-15 | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | 15 ft |
| EX-AR471-3 | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | 3 ft |
| EX-AR68 | $\checkmark$ |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR8 | $\checkmark$ |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR800 | $\checkmark$ |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  | $\checkmark$ |  |
| EX-AR830 |  | $\checkmark$ |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-AR87 | $\checkmark$ |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EXD-AR2O-3 | $\checkmark$ |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-AR-3 | $\checkmark$ |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-AR30-3 |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-AR30-6 |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 6 ft |
| EXD-AR62-3 | $\checkmark$ |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-AR87-3 | $\checkmark$ |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-N-3 |  |  | $\checkmark$ |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-Q26-2 |  |  | $\checkmark$ |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXD-Q-3 |  |  | $\checkmark$ |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 2 ft |
| EXD-Q62-3 |  |  | $\checkmark$ |  | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ | 3 ft |
| EXH-AR2 | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  |  | $\checkmark$ |
| EXH-AR3 | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  | $\checkmark$ | 10.5 ft |
| EXH-AR33 |  | $\checkmark$ |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  | $\checkmark$ | 10.5 ft |
| EXH-AR7 | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  | $\checkmark$ | 3 ft |
| EXH-ART-R1 | $\checkmark$ |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  | $\checkmark$ |  |
| EXH-N |  |  | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ |  |  |  | $\checkmark$ |  |
| EXH-Q26-2 |  |  | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ |  |  |  | $\checkmark$ |  |
| EXHT-AR403 | $\checkmark$ |  |  | $\checkmark$ |  |  | 3 A |  |  |  |  |  |
| EX-N15 |  |  | $\checkmark$ | $\checkmark$ |  |  |  | $\checkmark$ |  |  |  |  |
| EX-N152 |  |  | $\checkmark$ | SPNO |  |  |  | $\checkmark$ |  |  |  |  |
| EX-Q |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  | $\checkmark$ |  |  |  |
| EX-Q1 |  |  | $\checkmark$ | SPNO |  |  |  | $\checkmark$ |  |  |  |  |
| EX-Q171 |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  |  |  |  |
| EX-Q173 |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  |  |  |  |
| EX-Q19 |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  |  |  |  |
| EX-Q22 |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  |  |  |  |
| EX-Q62 |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  |  |  |  |
| EX-Q800 |  |  | $\checkmark$ | $\checkmark$ |  |  |  |  | $\checkmark$ |  | $\checkmark$ |  |
| Double Conduit |  |  |  |  |  |  |  |  |  |  |  |  |
| 4EX1-3 | $\checkmark$ |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  | 3 ft |
| 4EX5-3 | $\checkmark$ |  |  |  | $\checkmark$ |  |  | $\checkmark$ |  |  |  | 3 ft |

## ADDITIONAL MATERIALS

The following associated literature is available on the Honeywell web site at sensing.honeywell.com:

- Product installation instructions
- Product range guide
- Hazardous location switches product brochure
- Product application-specific information
- Applicaiton note: Electronic sensors and electromechanical switches in valves and flow meters
- Application note: Industrial waste water treatment
- Application note: Sensors and switches for industrial manual process valves
- Sensors and switches in oil rig applications


## FOR MORE INFORMATION

Honeywell Sensing and Internet of Things services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing, or the nearest Authorized Distributor, visit sensing.honeywell.com or call:

$$
\begin{array}{ll}
\text { USA/Canada } & +3026134491 \\
\text { Latin America } & +13058058188 \\
\text { Europe } & +441344238258 \\
\text { Japan } & +81(0) 3-6730-7152 \\
\text { Singapore } & +6563552828 \\
\text { Greater China } & +864006396841
\end{array}
$$

## WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship during the applicable warranty period. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgment or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items that Honeywell, in its sole discretion, finds defective. The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.

While Honeywell may provide application assistance personally, through our literature and the Honeywell web site, it is buyer's sole responsibility to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this writing. However, Honeywell assumes no responsibility for its use.

## $\triangle$ WARNING

PERSONAL INJURY

- DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.
Failure to comply with these instructions could result in death or serious injury.


## $\triangle$ WARNING MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.


## Failure to comply with these

 instructions could result in death or serious injury.
## Honeywell

## Sensing and Internet of Things

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[^0]:    *Most models, refer to individual specifications for selected catalog listings

