



Indicador de paletas rotatorias

Características y beneficios

- A simple, mechanical mechanism means no calibration is required for quick installation
- Long-lasting, sealed motor keeps maintenance and replacement costs low
- Extensive Paddle Options to adapt to a variety of applications
- Frame designed to enable connection flexibility
Imperial or Metric conduit entry options
Process Fitting can be made to fit any connection

Especificaciones Técnicas

FUNCTIONAL

Power Requirements	24/120/240 VAC; 50/60 Hz, 24 VDC
Power Consumption	5 watts
Motor	1 rpm
Fail-Safe Circuitry	Low level fail safe
Switch Rating	General Purpose: SPDT 20A @ 125/250/480 VAC. Pilot Duty: 345 VA, 115 VAC; 690 VA, 230 VAC
Process Temperature	-20° to 302° F (-29° to 150° C) Standard Up to 500° F (Up to 260° C) with Extension 3 and Lag

PHYSICAL

Drive Shaft Assembly	Precision machined shaft with two shielded ball bearings
Shaft Seal	Teflon®/Viton® Lipseal rated 1/2 micron @ 30 psi (2.1 kg/cm ²) @ 400° F (204° C)
Housing and Cover	Type 4X/IP66 polyester coated aluminum casting
Mounting Plate	8" outside diameter with 1 1/4" NPT pipe threaded coupling; standard polyester coated mild steel; optional 304 stainless steel; H-19 Half Coupling; H-192 Full Coupling
Conduit Entry	3/4" NPT or M20 x 1.5
Rigid Shaft and Paddle	Metal parts of all designs are 316 stainless steel
Flex Shaft	Available in neoprene, 155° F (68° C) or silicone, 400° F (204° C) coatings
Shipping Weight	Aluminum housing 10 lbs (4.5 kg) Stainless steel housing 16 lbs (7.3 kg)

NOTE. Consult Factory where the housing temperature will be above 200° F (93° C). Shaft extensions and guards are available in galvanized or 316 SS. The Roto-Bin-Dicator® is also available with the Super-Safe-Plus option.

COMPLETE CONFIGURATION

POWER PACK OPTIONS

Process Fitting

- X1 = Aluminum Frame Neck, NPT 1-1/4"
- X2 = 304 Stainless Steel Frame Neck, NPT 1-1/4" (Note 12)
- C2 = 316 Stainless Steel NPT 1-1/4
- D2 = 316 Stainless Steel NPT 1-1/2"
- E2 = 316 Stainless Steel BSP Tapered R 1-1/4"
- F2 = 316 Stainless Steel BSP Tapered R 1-1/2"
- J2 = 316 Stainless Steel BSP Straight G 1-1/4" (Note 11)
- K2 = 316 Stainless Steel BSP Straight G 1-1/2" (Note 11)
- M2 = 316 Stainless Steel Tri-Clamp 1-1/2" (Note 13)
- N2 = 316 Stainless Steel Tri-Clamp 2" (Note 13)

Housing Finish

- A = Powder Coated Aluminum
- B = 304 stainless steel (Notes 2, 3, 12)
- C = Epoxy Painted Aluminum
- D = Electroless Nickel Plated Aluminum (Note 2)

Model (Note 1)

Ordinary Location

Standard

- R-H = 120 VAC, 1SPDT
- RA-H = 120 VAC, 2SPDT
- RB-H = 240 VAC, 1SPDT
- RC-H = 240 VAC, 2SPDT
- RD-H = 24 VDC, 1SPDT
- RE-H = 24 VDC, 2SPDT
- RF-H = 24 VAC, 1SPDT
- RG-H = 24 VAC, 2SPDT
- R-HM = 120 VAC, 1SPDT, Metric
- RA-HM = 120 VAC, 2SPDT, Metric
- RB-HM = 240 VAC, 1SPDT, Metric
- RC-HM = 240 VAC, 2SPDT, Metric
- RD-HM = 24 VDC, 1SPDT, Metric
- RE-HM = 24 VDC, 2SPDT, Metric
- RF-HM = 24 VAC, 1SPDT, Metric
- RG-HM = 24 VAC, 2SPDT, Metric

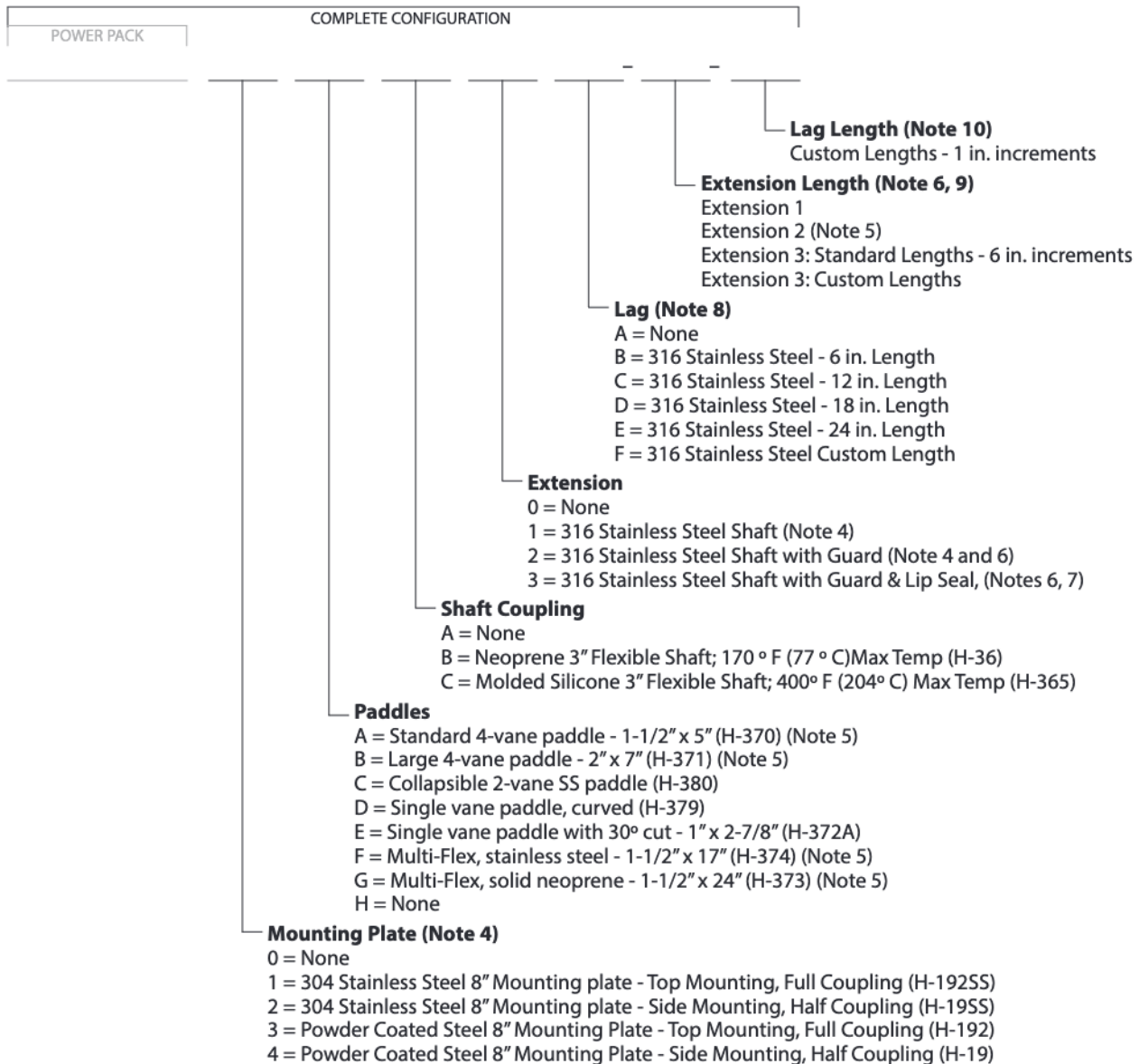
Note 1. For PowerPack ordering: for powder coated aluminum and 1-1/4 in. NPT order by model number only.

Hazardous Location

Standard

- RX-H = 120 VAC, 1SPDT
- RXA-H = 120 VAC, 2SPDT
- RXB-H = 240 VAC, 1SPDT
- RXC-H = 240 VAC, 2SPDT
- RXD-H = 24 VDC, 1SPDT
- RXE-H = 24 VDC, 2SPDT
- RXF-H = 24 VAC, 1SPDT
- RXG-H = 24 VAC, 2SPDT
- RX-HM = 120 VAC, 1SPDT, Metric with ATEX and IEC approvals
- RXA-H M= 120 VAC, 2SPDT, Metric with ATEX and IEC approvals
- RXB-HM = 240 VAC, 1SPDT, Metric with ATEX and IEC approvals
- RXC-HM = 240 VAC, 2SPDT, Metric with ATEX and IEC approvals
- RXD-HM = 24 VDC, 1SPDT, Metric with ATEX and IEC approvals
- RXE-HM = 24 VDC, 2SPDT, Metric with ATEX and IEC approvals
- RXF-HM = 24 VAC, 1SPDT, Metric with ATEX and IEC approvals
- RXG-HM = 24 VAC, 2SPDT, Metric with ATEX and IEC approvals

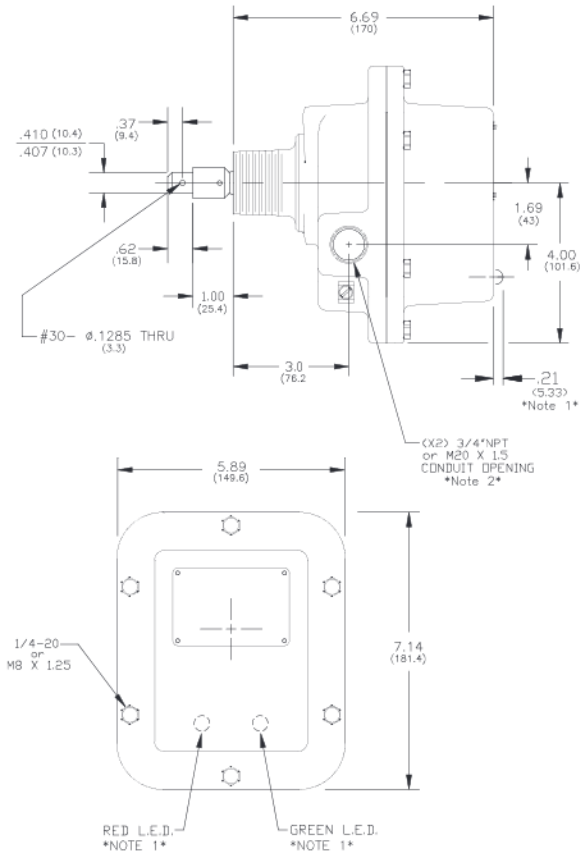
Note 14: For Hazardous Location models that require extended ambient temperature -40° to 113°F (-40° to 45°C), add suffix 'T' to model number.
Example: RX-HT



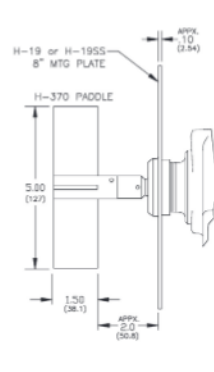
Notes:

2. Hazardous location approval not available with stainless steel Housing Finish or electroless nickel plated aluminum Housing Finish.
3. Function Test FOB not available with stainless steel Housing Finish
4. For Mounting Plates Process Fitting must be X1, X2, or C2. Extensions 1 and 2 must use Mounting Plate 1 or 3 (Top Mounted)
5. Mounting plate is required.
6. Shaft guard length will be 2 in. (5 cm) shorter than extension length unless otherwise noted
7. Process Fitting cannot be X1 or X2 and maximum length is 36 in. (91 cm) and if used with Extension, the maximum total length is 48 in. (122 cm)
8. Lag not available with process fitting X1 or X2, and if used with Extension, the maximum total length is 48 in. (122 cm)
9. Maximum extension length is 180 in. (4.6 m), minimum length is 3 in. (7.6 cm); leave blank if not used.
10. Maximum lag length is 24 inches, minimum length 1 in. (2.5 cm); leave blank if not used
11. EPDM Flat gasket is included for Process Fittings with straight threads.
12. X2 Process Fitting and Stainless Steel Housing Finish can only be ordered together.
13. M2 and N2 Process Fitting only available with C, D, E, F and G Paddles.

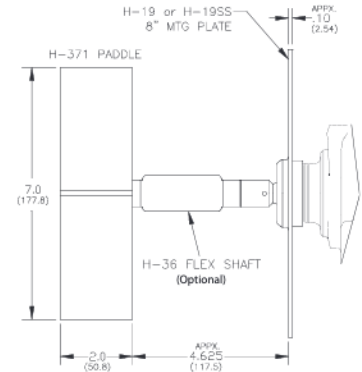
Housing Dimensions



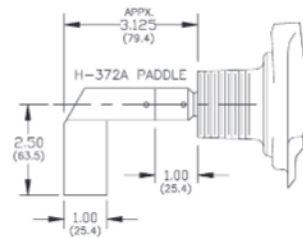
Standard 4-Vane Paddle



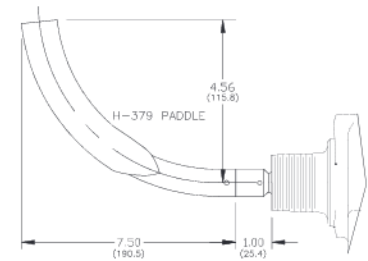
Large 4-Vane Paddle



Single Vane Paddle 30° Cut



Single Vane Paddle Curved



AGENCY APPROVALS

UL (US and Canada)

- Ordinary Location, Type 4X; IP66
- Hazardous Locations, Type 4X
Explosion Proof, Class I, Div 1, Groups C, D
Dust Ignition Proof, Class II, Div 1, Groups E, F, G

CE

- Electromagnetic Compatibility Directive
- Low Voltage Directive

Collapsible Paddle

