

RN ..004 Pipe extension horizontal

RN 3004



RN 6004



Housings RN 6004



Cable entries (by default)

Depending on model selected, the following cable entries will be delivered (options see pos 28 on page 20):

| Version: | Cable entries: |
|--|--|
| ATEX / IEC-Ex flameproof (pos.2 T) FM and CSA (pos.2 M,N,S,U) All other versions | M20x1.5 (1x open conduit + 1x Ex-d blind plug) NPT 1/2" tapered ANSI B1.20.1 (1x open conduit + 1x Ex-d blind plug) M20x1.5 (1x screwed cable gland + 1x blind plug) |

Dimensions
see pages 24 - 28

Basic Type

- RN 3004
- RN 6004

pos. 2 **Certificate** (detailed Ex-markings: see page 28)

| Certificate | Zone / Div | | Protection method |
|-------------|--------------------|----------------------|---|
| | Dust | Gas | |
| 0 CE | - | - | |
| W ATEX | Zone 20/21 | - | Dust Ignition Proof |
| R ATEX | Zone 20/21 | Zone 1 | Flameproof / Increased Safety / Dust Ignition Proof |
| T ATEX | Zone 20/21 | Zone 1 | Flameproof / Dust Ignition Proof |
| A IEC-Ex | Zone 20/21 | - | Dust Ignition Proof |
| C IEC-Ex | Zone 20/21 | Zone 1 | Flameproof / Increased Safety / Dust Ignition Proof |
| D IEC-Ex | Zone 20/21 | Zone 1 | Flameproof / Dust Ignition Proof |
| M FM /CSA | - | - | General purpose |
| N FM /CSA | Cl. II, III, Div.1 | - | Dust Ignition Proof |
| | CSA | A 20/21 | |
| S FM /CSA | Cl. II, III, Div.1 | Zone 1 | Flameproof / Increased Safety / Dust Ignition Proof |
| | CSA | A 20/21 | |
| U FM /CSA | Cl. II, III, Div.1 | Cl. I Div.1 / Zone 1 | Explosion Proof / Dust Ignition Proof |
| | CSA | A 20/21 | |

For RN3004: pos.2 0 includes GOST-R, pos.2 W includes RTN-Ex and GOST-R

RN ..004 Pipe extension horizontal

| | | | |
|-----|---------|--|---|
| • • | pos. 3 | Process temperature | |
| • • | | 1 max. + 80°C (176°F) | ..... |
| • • | | 2 max. + 150°C (302°F) | ..... |
| • • | | 3 max. + 250°C (482°F) | ..... |
| • • | | 4 max. + 350°C (662°F) | (not for Ex, only with pos. 4.1) |
| • • | | 5 max. + 600°C (1112°F) | (not for Ex, only with pos. 4.1) |
| • • | pos. 4 | Process overpressure | |
| • • | | 1 max. 0,8 bar (11,6psi) | (0,1bar (14.5psi) with pos. 3.5) |
| • • | | 2 max. 5 bar (73psi) | ..... |
| • • | | 3 max. 10 bar (145psi) | ..... |
| • • | pos. 5 | Power supply | |
| • • | | A / S 230V AC 50-60 Hz | Motor Speed: A=1/min S= 5/min |
| • • | | B / T 115V AC 50-60 Hz | Motor Speed: B=1/min T= 5/min |
| • • | | C / U 48V AC 50-60 Hz | Motor Speed: C=1/min U= 5/min |
| • • | | D / V 24V AC 50-60 Hz | Motor Speed: D=1/min V= 5/min |
| • • | | E / W 24V DC | Motor Speed: E=1/min W= 5/min |
| • • | | G / H 24V DC PNP | Motor Speed: G=1/min H= 5/min |
| • • | | F / X 24V DC / 22...230V AC universal voltage ⁽¹⁾ | Motor Speed: F=1/min X= 5/min |
| • • | pos. 6 | Process connection | |
| • • | | A thread G 1½ inch, DIN 228 | ..... |
| • • | | B thread G 1¼ inch, DIN 228 | (max. 250°C (482°F)) |
| • • | | F thread NPT 1½ inch, conical ANSI B1.20.1 | ..... |
| • • | | Q thread NPT 1¼ inch, conical ANSI B1.20.1 | (max. 250°C (482°F)) |
| • • | | P Triclampe 2" (DN 50) ISO 2852 | (max. 80°C) |
| • • | | H flange 150x150, 4x ø18 LK-ø170 | (max. 0.8 bar (11.6psi)) |
| • • | | I flange 150x150, 4x ø14 LK-ø170 | (max. 0.8 bar (11.6psi)) |
| • • | | K flange DN32 PN6, EN 1092-1 | (max. 5 bar / 250°C) |
| • • | | L flange DN100 PN6, EN 1092-1 | (max. 5 bar (73psi)) |
| • • | | M flange DN100 PN16, EN 1092-1 | ..... |
| • • | | S flange 2" 150lbs ANSI B16.5 | ..... |
| • • | | T flange 3" 150lbs ANSI B16.5 | ..... |
| • • | | U flange 4" 150lbs ANSI B16.5 | ..... |
| • • | pos. 7 | Material Process connection | |
| • • | | 1 aluminium | (max. 0.8 bar (11.6psi) / 80°C (176°F)) |
| • • | | 3 stainless steel 1.4305 (303) A-Q / 1.4301 (304) P-1 / 1.4541 (321) K-U | ..... |
| • • | | 7 stainless steel 1.4404 (316L) | (only with Pos. 9.7) |
| • • | pos. 8 | Length of extension "L" | |
| • • | | N 150 mm (5,90") (only with vane A, D, B, C, E) | ..... |
| • • | | P 200 mm (7,87") | ..... |
| • • | | Q 250 mm (9,84") | ..... |
| • • | | R 300 mm (11,8") | ..... |
| • • | | Z other lengths | price per 50mm (1.97") or part thereof (starting from 0mm) min. 350 mm (13.8"), max. 600mm (23.6") |
| • • | pos. 9 | Material of extension "L" | |
| • • | | 1 aluminium | (max. 0,8 bar / 80°C) |
| • • | | 3 stainless steel 1.4305 (303)/1.4301 (304) | ..... |
| • • | | 7 stainless steel 1.4404 (316L) | (only with pos.7.7 and 10.A,D,F,K,S) |
| • • | pos. 10 | Measuring vane | |
| • • | | A boot-shaped ⁽²⁾ 40 x 98mm (1.57 x 3.86") | for 1 1/2" socket (with pos.9.7 L=10mm longer) |
| • • | | D boot-shaped ⁽²⁾ 35 x 106mm (1,38 x 4,17") | for 1 1/4" socket (L =10mm longer) |
| • • | | B rectangular 50 x 98mm (1.97 x 3.86") | ..... |
| • • | | C rectangular 50 x 150mm (1.97 x 5.90") | ..... |
| • • | | E rectangular 50 x 250mm (1.97 x 9.84") | ..... |
| • • | | F rectangular 98 x 98mm (3.86 x 3.86") | ..... |
| • • | | G rectangular 98 x 150mm (3.86 x 5.90") | ..... |
| • • | | I rectangular 98 x 250mm (3.86 x 9.84") | ..... |
| • • | | K hinged vane 98 x 200mm (3.86 x 7.87") double sided (L= 10mm longer) | 1.4301/1.4404 |
| • • | | S hinged vane 98 x 100mm (3.86 x 3.93") single sided (L= 10mm longer) | 1.4301/1.4404 |
| • • | | M rubber vane 98 x 250mm (3.86 x 9.84") | (max.80°C (176°F), not for Ex) |
| • • | | Y without | including splint pin for fixation |

Further options and accessories: see page 20

Basic Type

| | | | | | | | | | |
|--|----------|--|--|--|--|--|--|--|--|
| | E | | | | | | | | |
|--|----------|--|--|--|--|--|--|--|--|

Position 1 2 3 4 5 6 7 8 9 10

All positions are available in special design (use code "Z").

← **Order code**

⁽¹⁾ not for FM/CSA

⁽²⁾ maximum length of socket 40mm

Options

| RN 3001 | RN 6001 | RN 3002 | RN 6002 | RN 3002- rope | RN 6002- rope | RN 3003 | RN 6003 | RN 3004 | RN 6004 | RN 3005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------------------|-------------|---------|------------------|------------------|---------|---------|---------|---------|---------|----------|---|------------|-------------------------|-------------|--|--|--|---------|-------|----------|-----------|---|----------|------------|---------|-------|---------|---|------------|------------|--|-------|---------|---|----------|------------|---------|-------|---------|---|------------|------------|--|-------|---------|---|----------|------------|---------|-------|---------|---|------------|------------|--|-------|---------|
| • | • | • | • | • | • | | | • | • | • | Pos. 15a | Flat gasket (max. 250°C) for process connection thread 1½, incl. sealing face in aluminium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | | | • | • | • | Pos. 15b | for process connection thread 1½, incl. sealing face in 1.4404 (316L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | | | • | • | | Pos. 15c | for process connection thread 1¼ / 1" / M32x1.5 / M30x1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | 1 | | 1 | | 1 | | 1 | | 1 | Pos. 16a | Material of housing plastics PA6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Radial shaft sealing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | pos. 17a | FPM (Viton) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | pos. 17b | PTFE (Teflon) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | pos. 18x | Stainless steel ball bearing for RN ..001/ RN ..002/ RN ..004/ RN ..005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4 | 4 | 4 | 4 | 4 | | | 4 | 4 | • | | for RN ..003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | pos. 21x | Weather protection cover (for Ex, only for Zone 2/22/Div. 2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Mounting set for flange mounting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | <table border="1"> <thead> <tr> <th rowspan="2">for flange</th> <th rowspan="2">for counter flange with</th> <th colspan="4">consists of</th> </tr> <tr> <th>screws*</th> <th>nuts*</th> <th>washers*</th> <th>sealing**</th> </tr> </thead> <tbody> <tr> <td>H</td> <td>hole ø18</td> <td>4 x M16x50</td> <td>4 x M16</td> <td>4 pcs</td> <td>1 piece</td> </tr> <tr> <td>H</td> <td>thread M16</td> <td>4 x M16x30</td> <td></td> <td>4 pcs</td> <td>1 piece</td> </tr> <tr> <td>L</td> <td>hole ø18</td> <td>4 x M16x60</td> <td>4 x M16</td> <td>4 pcs</td> <td>1 piece</td> </tr> <tr> <td>L</td> <td>thread M16</td> <td>4 x M16x40</td> <td></td> <td>4 pcs</td> <td>1 piece</td> </tr> <tr> <td>M</td> <td>hole ø18</td> <td>4 x M16x60</td> <td>8 x M16</td> <td>8 pcs</td> <td>1 piece</td> </tr> <tr> <td>M</td> <td>thread M16</td> <td>4 x M16x40</td> <td></td> <td>8 pcs</td> <td>1 piece</td> </tr> </tbody> </table> | for flange | for counter flange with | consists of | | | | screws* | nuts* | washers* | sealing** | H | hole ø18 | 4 x M16x50 | 4 x M16 | 4 pcs | 1 piece | H | thread M16 | 4 x M16x30 | | 4 pcs | 1 piece | L | hole ø18 | 4 x M16x60 | 4 x M16 | 4 pcs | 1 piece | L | thread M16 | 4 x M16x40 | | 4 pcs | 1 piece | M | hole ø18 | 4 x M16x60 | 8 x M16 | 8 pcs | 1 piece | M | thread M16 | 4 x M16x40 | | 8 pcs | 1 piece |
| for flange | for counter flange with | consists of | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | screws* | nuts* | washers* | sealing** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | hole ø18 | 4 x M16x50 | 4 x M16 | 4 pcs | 1 piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | thread M16 | 4 x M16x30 | | 4 pcs | 1 piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | hole ø18 | 4 x M16x60 | 4 x M16 | 4 pcs | 1 piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | thread M16 | 4 x M16x40 | | 4 pcs | 1 piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | hole ø18 | 4 x M16x60 | 8 x M16 | 8 pcs | 1 piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | thread M16 | 4 x M16x40 | | 8 pcs | 1 piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 22a | * material stainless A2 **max. 250°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 22b | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 22c | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 22d | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 22e | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 22f | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Hexagon nut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | | | • | • | • | pos. 24a | aluminium 1 pc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | | | • | • | • | pos. 24b | aluminium 2 pcs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | | | • | • | • | pos. 24e | stainless steel 1.4305 (303) 1 pc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | | | • | • | • | pos. 24f | stainless steel 1.4305 (303) 2 pcs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | pos. 25a | Switchable signal output FSH/FSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 25x | Fail safe alarm (for 24V DC/22 .. 230V AC universal voltage) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | pos. 26x | Heating of housing 2,5 watts for ambient/process temp. to -40°C (-40°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Signal lamp | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | pos. 27a | Bulb in cable gland, 2W green | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | Pos. 27c | Bulb in cable gland, 2W red | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | pos. 27b | LED (glass window in lid) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | pos. 27d | LED (transparent lid section) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Cable entry optionally available: Selection of the following options only necessary, if a deviation from the default cable gland / conduit is required: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | 11 | • | 11 | • | 11 | • | 11 | • | 11 | • | pos. 28x | M20x1,5 2x screwed cable gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | 12 | • | 12 | • | 12 | • | 12 | • | 12 | • | pos. 28d | M20x1,5 1x screwed cable gland +1x blind plug | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 28a | NPT 1/2" tapered ANSI B1.20.1 (1x conduit + 1x Ex-d blind plug) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | • | • | • | • | • | • | • | • | • | • | pos. 28c | NPT 3/4" tapered ANSI B1.20.1 (1x conduit + 1x Ex-d blind plug) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | pos. 29y | Food grade materials (in contact with process) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | (according to 1935/2004/EC, with FDA conform sealing) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | EHEDG approval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | 14 | 14 | | | | | 14 | 14 | | pos. 29a | Process connection G 1 1/2" (without flush welding socket) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | 14 | 14 | | | | | 14 | 14 | | pos. 29b | Process connection flush welding socket ø69/G 1 1/2" made of aluminium ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | 14 | 14 | | | | | 14 | 14 | | pos. 29c | Process connection flush welding socket ø69/G 1 1/2" made of 1.4301 (304) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | 14 | 14 | | | | | 14 | 14 | | pos. 29d | Process connection flush welding socket ø69/G 1 1/2" made of 1.4404 (316L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Options

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----------|--|
| | 15 | 15 | | | | | | | pos. 30x | Sliding sleeve for applications without process overpressure |
| | 16 | 16 | | | | | | | pos. 31x | Sliding sleeve for applications with process overpressure (1.4305 (303)) |
| | • | • | | | | | | | pos. 32x | Bearing at tube end max. +80°C (176°F) max. +150°C (302°F) max. +250°C (482°F) max. +600°C (1112°F) |
| | | | | | | | | | pos. 33x | Extension and flange welded $\alpha = \text{ }^\circ$ min. 0° max. 45° for aluminium (see pos. 7/9) for stainless steel (1.4305 (303)) (see pos. 7/9) |
| | | | | | | | | | pos. 34x | Reinforced rib (only with pos. 33, max. $\alpha = 30^\circ$) |
| | | | | | | | | | | Plug |
| 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | pos. 35x | Valve connector (incl. mating plug) 4-pole (incl. PE) max. 230V |
| 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | pos. 35a | M12 (without mating plug) 4-pole max. 25V |
| 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | pos. 35b | M12 (without mating plug) 5-pole (incl. PE) max. 60V |
| 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | pos. 35c | Harting Han 4A (incl. mating plug) 5-pole (incl. PE) max. 230V |
| | | | | | | | | | | Kit pendulum shaft only for vertical installation, max. pulling force 400N, only with pos.8 A |
| | • | • | | | | | | | pos. 36x | L=500 mm (19.7") (drilled holes also for 300 and 400mm (11.8 and 15.8")) |
| | • | • | | | | | | | pos. 36y | L=1.000 mm (39,4") (drilled holes also for 600/ 700/ 800 and 900mm (23,6/ 27,6/ 31,5 und 35,4")) |
| 18 | | | | | | | | | pos. 39x | Kit rope extension L=2m, only available as full detector |

- Available for certificat CE, ATEX and IEC-Ex dust explosionproof (pos.2 0, W, A). Not with cable entry NPT (pos.28 a, c) and control lamp LED (pos.27 b). For ATEX and IEC-Ex the min. ambient temperature is -20°C (-4°F).
- Available for temp. up to 80°C and for pressure up to 0.8 bar, except M30x1.5 (pos. 6E). Note: 150°C version including FPM as standard.
- Available for temp. up to 150°C and for pressure up to 0.8 bar, except M30x1.5 (pos. 6E). Note: Above 250°C and 5bar/10bar PTFE included as standard.
- Available for temperature up to 250°C except M30x1.5 (pos. 6E), not for RN3002-rope strengthened (pos. 1H).
All bearings mounted in the extension are made of stainless steel.
- Available for all versions except explosionproof / flameproof version (pos.2 R,T,S,U).
- Available for power supply 230V/115V/48V/24V AC (pos.5 A, B, C, D, S, T, U, V). Not for FM/CSA (pos.2 M, N, S, U). Not with fail safe alarm (pos. 25x).
Note: Universal voltage implements FSH/FSL by default.
- Available with universal voltage (pos.5 F,X) and PNP (Pos.5 G,H). Consider reduced switching sensitivity (see technical data).
Note: For temperatures down to -20°C (-4°F) the electronic "universal voltage" and "PNP" have "heating of housing" implemented by default (in this case option pos. 26x is not required).
- Available for CE (pos.2 0), not in combination with weather protection cover (pos 21) and cable entries pos.28 x,a,c.
In combination with universal voltage (pos.5 F, X) three bulbs (24V, 115V and 230V) will be delivered.
Connection of bulb signal lamp wires with internal terminals: without (standard) or according to customer specification.
- Available for all versions except explosionproof / flameproof version (pos.2 R,T,S,U) not in combination with weather protection cover (pos 21).
- Available for certificate CE (pos. 2,0)
- Available for all versions except flameproof version (pos.2 T,U).
- Available for FM/CSA versions (pos.2 M,N,S) except flameproof version (pos.2 T,U).
- Available up to max. 250°C. Not for M30x1.5 (pos. 6E), vane (pos.10 M), flange sealings (pos.22). The option does not automatically implement a food conform design (food conform gaps and radiuses).
- Certificate only valid with the use of the "flush welding socket". With pos.29a this socket must be manufactured on site.
Available up to max. 250°C. Only for G 1 1/2" (pos.6 A). Not with vane pos.10 K, P, S, M, Y. Vane pos.10 A can not be inserted through the flush welding socket. RN 3002/6002 only with bearing at tube end (pos 32x). Not in combination with options pos.15, 22, 24, 29y, 30, 31, 36, 39.
- Available for CE (pos.2 0). Process connection and material as choosen in pos.6 and 7.
- Available for temperatures up to 250°C. Process connection as choosen in pos.6.
- Available for CE (pos.2 0). Without connection of stranded wires for installation and internal terminals (standard) or according to customer specification.
- Available for certificate CE, ATEX, IEC-Ex (pos. 2,0,W,A), Extension 100mm (pos.8,A) and 1.4305 (pos.9,3)