

8166/11-01-NE Art. No. 139082



- Hazardous location conduit hubs "increased safety"
- Wide range of NPT thread sizes
- Large temperature range of use
- Globally marked, IECEx, ATEX and cULus
- Integrated self-loosening protection through threaded pin

MY R. STAHL 8166A



R. STAHL's 8166 series conduit hubs are used to insert permanently installed conduit systems with NPT threads into electrical equipment with type of protection Increased Safety "e" or Protection by Enclosure "tb" and suitable for NEMA type 4X installation.

### Technical Data

#### Explosion Protection

|                                 |   |
|---------------------------------|---|
| Scope of validity               | USA<br>Canada<br>European Union (ATEX)<br>IECEX   |
| Application range (zones)       | 1<br>2<br>21<br>22  |
| IECEX gas certificate           | IECEX PTB 06.0095 U   |
| IECEX gas explosion protection  | Ex eb IIC Gb  |
| IECEX dust certificate          | IECEX PTB 06.0095 U   |
| IECEX dust explosion protection | Ex tb IIIC Db   |
| ATEX gas certificate            | PTB 00 ATEX 1114 U  |
| ATEX gas explosion protection   | ⊕ II 2 G Ex eb IIC Gb   |
| ATEX dust certificate           | PTB 00 ATEX 1114 U  |
| ATEX dust explosion protection  | ⊕ II 2 D Ex tb IIIC Db  |
| Certificate ULus                | E200949V1S2   |
| Certificate cUL                 | E200949V1S2   |
| Marking ULus                    | Class I, Zone 1 AEx e II<br>Class I, Div. 2, Groups A,B,C,D<br>Class II, Div. 2, Groups F,G<br>Class III<br>Type 3, 4, 4X |
| Marking cUL                     | Class I, Zone 1 Ex e II<br>Class I, Div. 2, Groups A,B,C,D<br>Class II, Div. 2, Groups F,G<br>Class III<br>Type 3, 4, 4X  |
| Certificates                    | ATEX (PTB), Canada / USA (UL), Canada (UL), IECEX (PTB)   |

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### Electrical Data

|                 |     |
|-----------------|-----|
| PE-pole present | Yes |
|-----------------|-----|

### Ambient Conditions

|                     |                    |
|---------------------|--------------------|
| Ambient temperature | -30 °C ... +100 °C |
| Ambient temperature | -22 °F ... +212 °F |

### Mechanical Data

|                                       |           |
|---------------------------------------|-----------|
| Version                               | NPT / NPT |
| Degree of protection (IP)             | IP66      |
| Degree of protection (IP) (IEC 60529) | IP66      |
| Degree of protection (NEMA)           | 3, 4, 4X  |
| Material                              | Zinc      |
| Silicone-free                         | No        |
| Outer diameter                        | 39.12 mm  |
| Outer diameter in inches              | 1.548 in  |
| External thread                       | NPT1/2    |
| Thread size                           | NPT1/2    |
| Internal thread                       | NPT1/2    |
| Weight                                | 121 g     |
| Weight                                | 0.27 lb   |

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.