

Control and signalling devices

Control device system Series ConSig 8150

Pilot Light Red LED

8150/5-0176-0116-091-3311-C2429 Art. No. 285436



- Quad certified control stations (NEC®, CE Code, ATEX, IECEx)
- Enclosure made of stainless steel 1.4404 (AISI 316L) for excellent corrosion resistance
- The cover is equipped with a screw-on cover
- Offers a variety of pushbuttons, illuminated pushbuttons, control switches and LEDs for different configurations
- Customizable control stations available upon request with different entry, contact options and additional certifications

MY R. STAHL 8150R



R. STAHL Series 8150 control stations are made of brushed stainless steel 1.4404, AISI 316L and utilizes explosion-protected components for the ultimate flexibility, safety, and durability in hazardous and hostile locations. The high-quality sealing materials make them suitable for an extended temperature range and a circumferential protection channel prevents ingress of water. Choose from one of the standard versions or contact us for a customized solution.

Technical Data

Explosion Protection

| | |
|---------------------------------|--|
| Area of application | European Union (ATEX) Canada IECEX USA |
| Application range (zones) | 1, 2, 21, 22 |
| IECEX gas certificate | IECEX PTB 09.0049 |
| IECEX gas certificate | IECEX PTB 09.0049 |
| IECEX gas explosion protection | Ex db eb IIC T6 Gb |
| IECEX dust certificate | IECEX PTB 09.0049 |
| IECEX dust explosion protection | Ex tb IIIC T80 °C Db |
| ATEX gas certificate | PTB 09 ATEX 1109 |
| ATEX gas certificate | PTB 09 ATEX 1109 |
| ATEX gas explosion protection | ⊕ II 2 G Ex db eb IIC T6 Gb |
| ATEX dust certificate | PTB 09 ATEX 1109 |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb IIIC T80 °C Db |
| Certificate ULus | E182378V1S5 |
| Marking ULus | Class I, Div. 2, Groups A,B,C,D Class II, III, Div. 2, Groups F,G Class I, Zone 1, AEx db eb IIC T6 Enclosure Type 3, 4, 4X |
| Certificate cUL | E182378V1S5 |
| Marking cUL | Ex db eb IIC T6 Class I, Div. 2, Groups A,B,C,D Class II, III, Div. 2, Groups F,G Enclosure Type 3, 4, 4X |
| Certificates | ATEX (PTB), Canada (UL), IECEx (PTB), USA (UL) |

Electrical Data

| | |
|------------------------------|-------------|
| Rated operational voltage AC | 0 ... 550 V |
|------------------------------|-------------|

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Electrical Data

| | |
|---------------------------------|-------|
| Rated operational voltage AC UL | 600 V |
| Rated operational current | 6 A |
| Rated operational current UL | 10 A |

Ambient Conditions

| | |
|------------------------|--------------------|
| Ambient temperature °C | -50 °C ... 60 °C |
| Ambient temperature °F | -58 °F ... +140 °F |

Mechanical Data

| | |
|-------------------------------|---|
| Degree of protection (IP) | IP66 |
| Degree of protection (IP) UL | IP66 |
| Enclosure type (UL50 & UL50E) | 3, 4, 4X |
| Enclosure material | Stainless steel 1.4404, (AISI 316L), brush finished |
| Silicone-free | No |
| Clamping range AWG | 14 AWG |
| Connection cross-section max. | 2.5 mm ² |
| Cover fixing type | With captive screws, M6 stainless steel screws |
| Width | 116.5 mm |
| Width, inches | 4.587 in |
| Height | 176.5 mm |
| Height in inches | 6.945 in |
| Depth | 91 mm |
| Depth in inches | 3.583 in |
| Seal | Silicone, foamed |
| Weight | 2.39 kg |
| Weight | 5.27 lb |

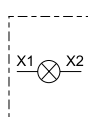
Mounting / Installation

| | |
|---|-------------|
| Tightening torque of cover screw 1 | 4.5 N · m |
| Tightening torque of cover screw 1 lbf in | 35.4 lbf in |

Components

| | |
|----------------------------------|--|
| Installation position middle | Pilot light, Red, With silicone seal |
| Built-in element middle | LED indicator lamp |
| Flange and plates | Without flange |
| Entry type | CMP adaptor |
| Entry 1 | 1 x CMP-737D M25-NPT 3/4" 737DM3T25 |
| Entry 1 type | Metal adaptor |
| Metal entry possible for entry 1 | Yes |

Technical Drawings – Subject to Alterations



Control and signalling devices

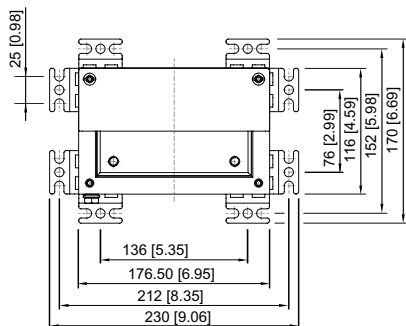
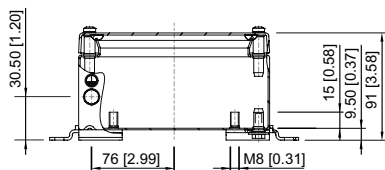
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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.