

Control Devices

Control device system ConSig 8040 series

LED indicator lamp

8040/11E8X-54C02SA70 Art. No. 287010

STAHL

ConSig



- Quad certified control stations (NEC®, CE Code, ATEX, IECEx)
- Lightweight enclosure made from fiberglass reinforced polyester (FRP), excellent for corrosive atmospheres
- 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 8040E



R. STAHL's series 8040 NEC®/ CE Code control stations utilize explosion-protected components with non-metallic enclosures for the ultimate flexibility, safety and durability in hazardous and hostile locations. Choose from one of the standard versions or contact us for a customized solution.

Technical Data

Explosion Protection

| | |
|---------------------------------|---|
| Scope of validity | European Union (ATEX) Canada IECEX USA |
| Application range (Zones) | 1 2 21 22 |
| IECEX gas certificate | IECEX PTB 06.0025 |
| IECEX gas explosion protection | Ex db eb IIC T6 Gb |
| IECEX dust certificate | IECEX PTB 06.0025 |
| IECEX dust explosion protection | Ex tb IIIC T80 °C Db |
| ATEX gas certificate | PTB 01 ATEX 1105 |
| ATEX gas explosion protection | ⊕ II 2 G Ex db eb IIC T6 Gb |
| ATEX dust certificate | PTB 01 ATEX 1105 |
| 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, 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, F, G Enclosure Type 3, 4, 4X |
| Certificates | ATEX (PTB), Brazil (ULB), Canada (UL), China (NEPSI), IECEx (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (UL) |
| Ship approval | DNVGL |

Control Devices

Control device system ConSig 8040 series

LED indicator lamp

8040/11E8X-54C02SA70 Art. No. 287010



Explosion Protection

| | |
|-------|--|
| Notes | Product label for standard configurations as NEC®, CE Code, ATEX, and IECEx. For additional certifications, contact factory. |
|-------|--|

Electrical Data

| | |
|------------------------------|-------|
| Rated operational voltage AC | 250 V |
|------------------------------|-------|

Ambient Conditions

| | |
|------------------------|--------------------|
| Ambient temperature °C | -50 °C ... +40 °C |
| Ambient temperature °F | -58 °F ... +104 °F |

Mechanical Data

| | |
|--|--|
| Degree of protection (IP) | IP66 |
| Degree of protection IP (IEC 60529) | IP66 |
| Enclosure Type (UL50 & UL50E) | 3, 4, 4X |
| Enclosure material | Polyester resin, Fiberglass reinforced |
| Enclosure color | Dark grey |
| Silicone-free | No |
| AWG clamping range | 14 AWG |
| Connection cross-section max. | 2.5 mm ² |
| Solid connection cross section | 0.32 – 2.5 mm ² |
| Connection cross-section AWG single stranded | 22 AWG to 14 AWG |
| Finely stranded connection cross section | 0.32 – 2.5 mm ² |
| Finely stranded connection cross-section AWG | 22 AWG - 14 AWG |
| Cover fixing type | With captive screws, M4 stainless steel screws |
| Width | 80 mm |
| Width, inches | 3.15 in |
| Height | 93 mm |
| Height, inches | 3.66 in |
| Depth | 72 mm |
| Depth, inches | 2.76 in |
| Seal | Silicone, foamed |
| Weight | 738 g |
| Weight | 1.63 lb |

Mounting / Installation

| | |
|---|-------------|
| Tightening torque of cover screw 1 | 1.4 Nm |
| Tightening torque of cover screw 1 lbf in | 12.4 lbf in |

Components

| | |
|------------------------------|---|
| Installation position middle | Indicator lamp bezel, Green, With silicone seal |
| Built-in element middle | LED indicator lamp |
| Flange and plates | Metal plate, bottom |
| Entry type | CMP |
| Entry 1 type | Metal adapter |
| Entry 1 | NPT 3/4" |
| Metal entry possible 1 | Yes |

Control Devices

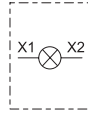
Control device system ConSig 8040 series

LED indicator lamp

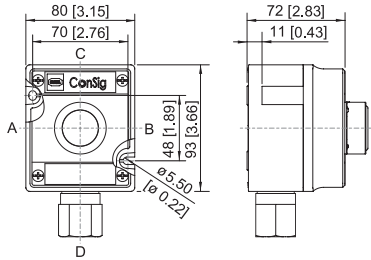
8040/11E8X-54C02SA70 Art. No. 287010



Technical Drawings – Subject to Alterations



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



ConSig 8040/11E

Accessories

Indicator lamp bezel BG054



Diameter 39 mm
All colors
Silicone-free: No

Art. No.

223123

Spare Parts

Caps for BG054



for indicator lamp, all colors packaged

Art. No.

248685

Label holder



Size 1, without insert disc, 1-line label
for actuators Ø 39

Art. No.

223566



Size 2, without insert disc, 1- or 2-line label
for actuators Ø 39

223567



Size 3, without insert disc, 1-, 2- or 3-line label
for actuators Ø 39

223568

Control Devices

Control device system ConSig 8040 series

LED indicator lamp

8040/11E8X-54C02SA70 Art. No. 287010



Special key

Art. No.



for tightening plastic locking nut

169101

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.