

8040/12E8X-31I02SF01    Art. No. 287028



WebCode 8040E



Technical Data

| Explosion Protection            |                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Scope of validity               | European Union (ATEX)<br>Canada<br>IECEX<br>UL                                                                                     |
| Application range (zones)       | 1<br>2<br>21<br>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   | Ex II 2 G Ex db eb IIC T6 Gb                                                                                                       |
| ATEX dust certificate           | PTB 01 ATEX 1105                                                                                                                   |
| ATEX dust explosion protection  | Ex II 2 D Ex tb IIIC T80 °C Db                                                                                                     |
| Certificates                    | ATEX (PTB), Brazil (ULB), Canada (UL), China (NEPSI), EAC (ENDCE), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (UL) |
| Ship approval                   | DNV GL                                                                                                                             |
| Electrical Data                 |                                                                                                                                    |
| Rated operational voltage AC    | 690 V                                                                                                                              |
| Rated operational current       | 16 A (T6)                                                                                                                          |
| Ambient Conditions              |                                                                                                                                    |
| Ambient temperature             | -50 °C ... +40 °C (T6)                                                                                                             |
| Mechanical Data                 |                                                                                                                                    |
| Degree of protection (IP)       | IP66                                                                                                                               |
| Degree of protection note       | acc. to IEC/EN 60529                                                                                                               |
| Enclosure material              | Polyester resin, Glass fibre reinforced                                                                                            |
| Silicone-free                   | No                                                                                                                                 |
| AWG clamping range              | AWG14                                                                                                                              |
| Connection cross-section max.   | 2.5 mm²                                                                                                                            |
| Cover fixing type               | With captive screws, M4 stainless steel screws                                                                                     |

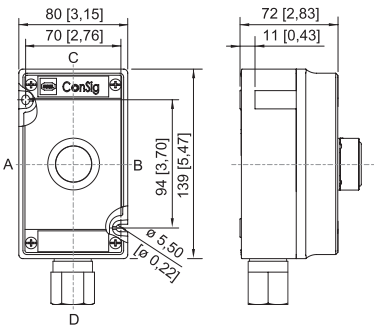
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|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| <b>Mechanical Data</b>         |                                                     |
| Seal                           | Silicone, foamed                                    |
| <b>Components</b>              |                                                     |
| Installation position middle   | Large handle 0/OFF-I/ON (1x 90°) With silicone seal |
| Built-in element middle        | Control switch 002                                  |
| No. poles on cen. built-in el. | 2                                                   |
| Flange and plates              | Metal plate, bottom                                 |
| Cable glands and entries       | NPT 3/4                                             |
| Entry type                     | CMP                                                 |

Technical Drawings – Subject to Alterations



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



ConSig 8040/12 NEC

Accessories

|                                                                                    |                                                                                                                                                                                                              |                 |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Cylinder lock</b>                                                               |                                                                                                                                                                                                              | <b>Art. No.</b> |
|  | for closing (bracket Ø 3)                                                                                                                                                                                    | 107115          |
| <b>Rotary actuator, large</b>                                                      |                                                                                                                                                                                                              | <b>Art. No.</b> |
|  | 8602C3-731-S-90X-E02<br>Ø 65 mm<br>Handle colour: Black<br>Protective collar colour: Black<br>Designation plate: 0/OFF – I/ON<br>Lockable in: 90°<br>Pre-installed<br>-60 °C ... +70 °C<br>Silicone-free: No | 251126          |

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.