

# excom I/O System

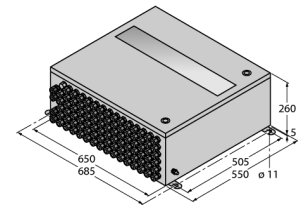
## System Enclosure 650 x 550 x 260

### EG-VA655526/111-0500/3GD



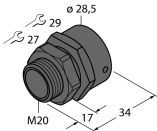
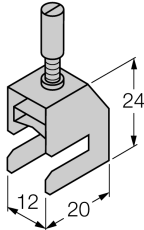
- Stainless steel quality 1.4404 (AISI 316L)
- With inspection window
- Receptacle plate equipped with plastic cable glands (4 × M25 power supply, 4 × M20 Ex-i bus, 96 × M16 Ex-i I/O signals) and 1 × M20 breather/drain
- Additional installation of Ex e terminals (2 × UT10, 2 × UT10-BU, 2 × UT10-PE) for connecting the supply voltage
- Stainless steel housing with built-in module rack MT16-3G

#### Dimensions



|                        |                                                        |
|------------------------|--------------------------------------------------------|
| Type                   | EG-VA655526/111-0500/3GD                               |
| ID                     | 100004332                                              |
| Operating voltage      | 19.2...32 VDC                                          |
| Device designation     | Ex II 3 (1) G Ex ec nA ib ic [ia Ga] IIC T4 Gc         |
| Device designation     | Ex II 3 (1) D Ex tc [ia Da] IIIC T135°C Dc             |
| Built-ins              |                                                        |
| Module racks           | 1 x MT16-3G                                            |
| Ex-e terminals         | 2 x UT 10, 2 x UT 10 BU, 2 x UT 10-PE; Phoenix Contact |
| Terminal cross-section | 0.5...10 mm² (AWG: 20...8)                             |
| Receptacle plate       |                                                        |
| Supply                 | 4 × M25 (Ø 10...17 mm), plastic, black                 |
| Fieldbus               | 4 x M20 (Ø 7...13 mm), plastic, blue                   |
| Field signals          | 96 x M16 (Ø 4.5...9 mm), plastic, blue                 |
| Breather/Drainer       | 1 x M20, plastic                                       |
| Housing material       | Stainless steel, 1.4404 (AISI 316L)                    |
| Wall thickness         | 1.5 mm                                                 |
| Housing surface        | Grinded and polished (240 grain size distribution)     |
| Housing color          | Stainless steel, unvarnished                           |
| Sealing material       | silicone                                               |
| Inspection window      | yes                                                    |
| Connection mode        | Wall mounting                                          |
| Earthing bolt          | M8 x 1.5                                               |
| Protection class       | IP66                                                   |
| Relative humidity      | ≤ 93 % at 40 °C acc. to IEC 60068-2-78 Test Cab        |
| Vibration test         | Acc. to IEC 60068-2-6                                  |
| Shock test             | Acc. to IEC 60068-2-27                                 |
| Dimensions             | 650 x 550 x 260 mm                                     |
| Approvals              | Ex-Approval                                            |

## Accessories

| Type code  | Ident no. |                                                                                   | Dimension drawing                                                                     |
|------------|-----------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| VSTS22     | 6884043   | Socket spanner for cable glands, SW22                                             |    |
| VSTS24     | 6900462   | Socket spanner for cable glands, SW24                                             |    |
| VSTS27     | 6884073   | Socket spanner for cable glands, SW27                                             |   |
| ELST-M20EX | 6884033   | Pressure compensation element (plastic), prevents condensation inside the housing |  |
| SK8        | 6900360   | Shield terminal for shielding bus bars, PU 10 pieces                              |  |