

## Description

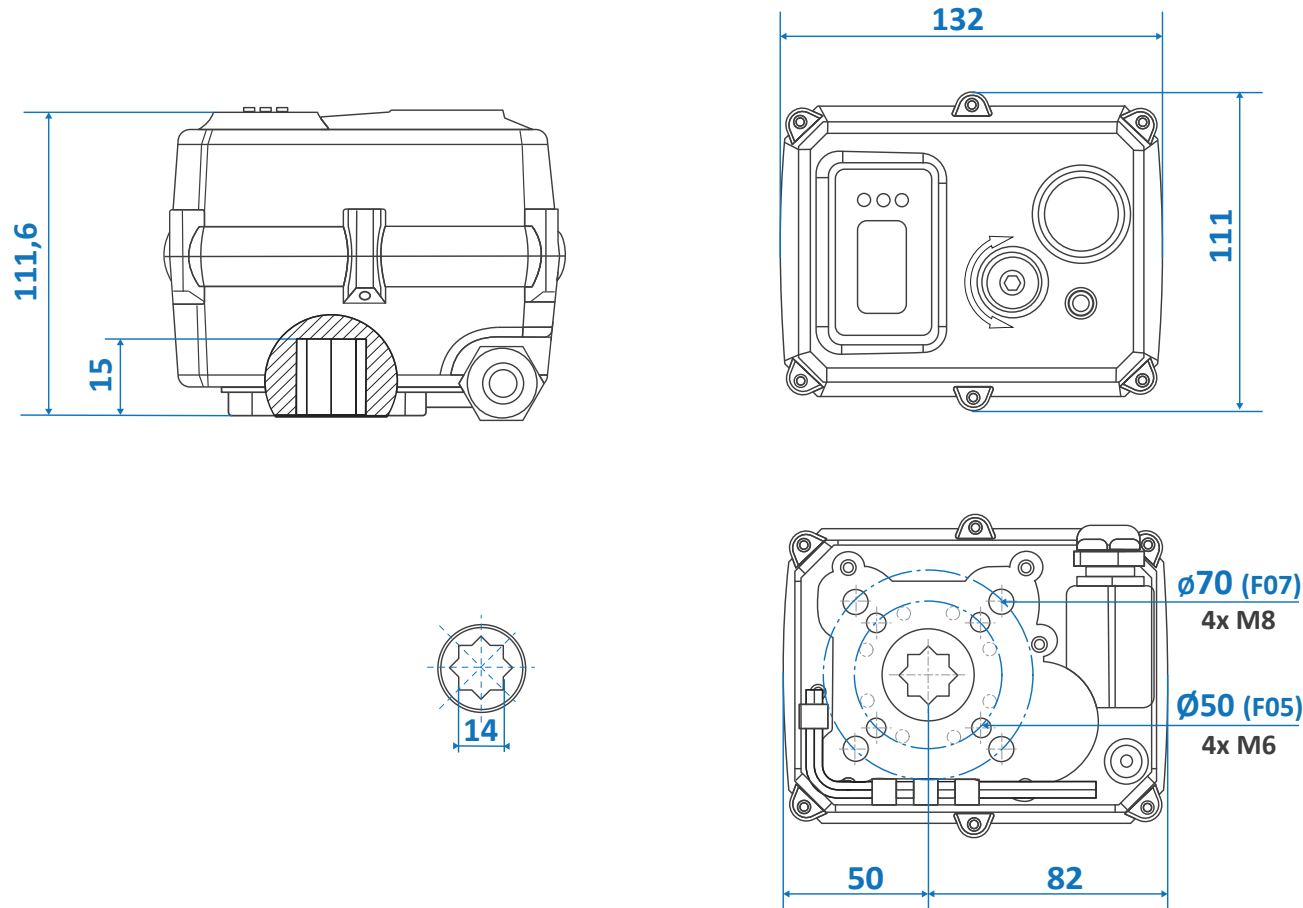
- » 50 Nm torque
- » Smart positioner
- » 1.3" OLED display
- » User friendly push button control
- » Standardized interfaces (ISO 5211, DIN 3337)
- » Brushless high performance motor
- » Overload protection
- » Visual position indicator
- » Integrated heating resistor 3 W
- » End position feedback open/close



## Technical data

| Electrical data      | Rated voltage            | 230V AC/DC                                                                          | 24V AC/DC           |
|----------------------|--------------------------|-------------------------------------------------------------------------------------|---------------------|
|                      | Voltage range            | 95-265V AC / 100-300V DC                                                            | 22-26V AC/22-30V DC |
|                      | Power consumption        | max. 25 W                                                                           |                     |
|                      | Peak current             | 0,11A @5ms @AC230V                                                                  | 1,0A @5ms @DC24V    |
|                      | Fuse                     | 1A                                                                                  | 2A                  |
| Functional data      | Rated torque             | 50 Nm                                                                               |                     |
|                      | Nominal angle            | 90° ±2°                                                                             |                     |
|                      | Max. angle               | 330° ±5°                                                                            |                     |
|                      | Manual override          | Currentless with allen key                                                          |                     |
|                      | Operating time (90°)     | approx. 10 seconds                                                                  |                     |
|                      | Operating mode           | S3-75% (AC) S3-85% (DC) - loading ≤85%<br>rated torque according to IEC60034-1-2017 |                     |
|                      | Position indicator       | Mechanical / Screen                                                                 |                     |
|                      | Electricity safety level | Class I                                                                             | Class III           |
|                      | Protection class         | IP67                                                                                |                     |
|                      | Insulation resistance    | 100MΩ / 1500VDC                                                                     | 100MΩ / 500VDC      |
|                      | Withstand voltage        | 1500VAC / 1 min                                                                     | 500VAC / 1 min      |
| Operating conditions | Mounting position        | Any mounting position                                                               |                     |
|                      | Temperature range        | -20°C ... +60°C                                                                     |                     |
|                      | Storage temperature      | -40°C ... +80°C                                                                     |                     |
|                      | Humidity                 | 5 ... 95%, non-condensing                                                           |                     |
|                      | Shock resistance         | ≤5g                                                                                 |                     |
|                      | Vibration                | 10 ... 55 Hz/ 1,5mm double amplitude                                                |                     |

Dimension drawing

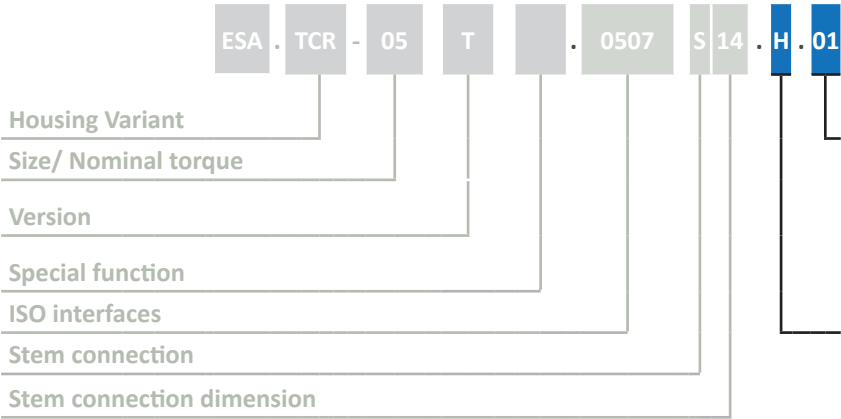


| Ø Stem connection | Depth stem connection | ISO 5211 | Weight |
|-------------------|-----------------------|----------|--------|
| 14 mm             | 15 mm                 | F05/F07  | 1,8kg  |

Materials

|  |   |              |               |   |                            |               |
|--|---|--------------|---------------|---|----------------------------|---------------|
|  | 1 | Body         | Heatproof ABS | 6 | Wrench fixation            | Heatproof ABS |
|  | 2 | Screws       | 304           | 7 | Hexagon wrench             | Tool steel    |
|  | 3 | Manual shaft | 304           | 8 | Waterproof cable connector | Polyamide     |
|  | 4 | Oil seal     | NBR           | 9 | Lid seal                   | NBR           |
|  | 5 | Label        | PVC           |   |                            |               |

Type code



Options

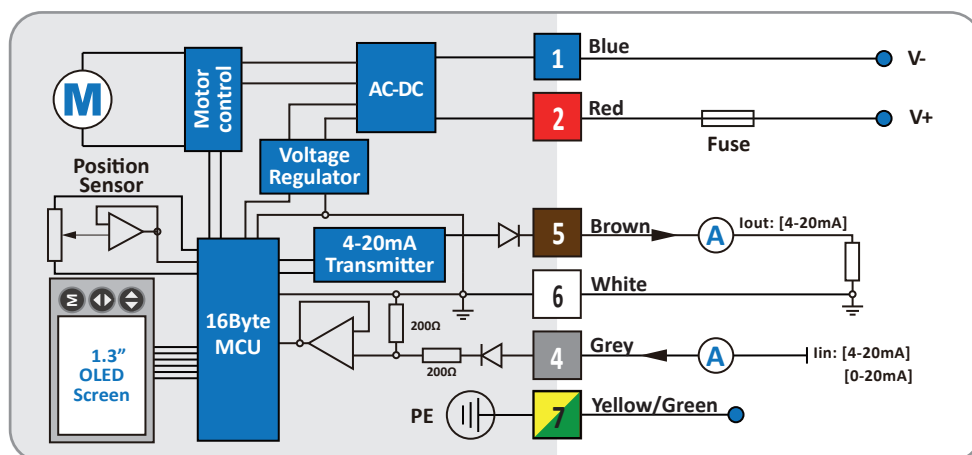
- 00: Connection via terminal strip
- 01: with attached plug and mating plug for soldering
- 02-xm: with attached cable end with length „x“ in meters

Supply voltage

- L: 20 ... 26V AC / 22 ... 30V DC
- H: 95 ... 265V AC / 100 ... 300V DC

## Electric connection

### Wiring diagram 4-20mA/0-20mA



### Connector pin assignment

