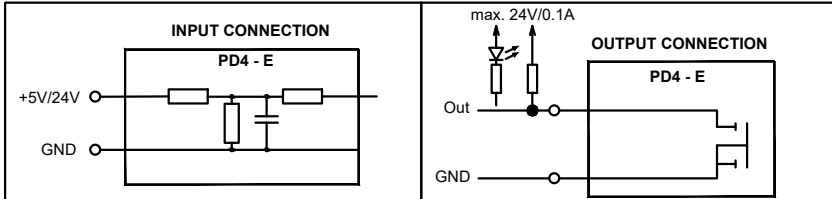
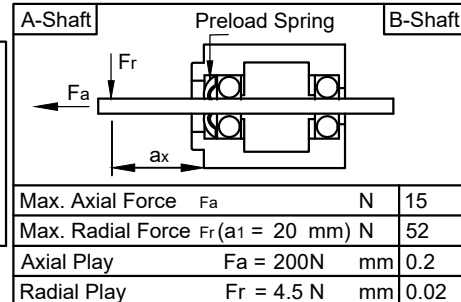


| X1 EtherNet/ IP | |
|----------------------------------|----------|
| M12 / 4-Pole / D-Coding / female | |
| Pin No. | Function |
| 1 | TD+ |
| 2 | RD+ |
| 3 | TD- |
| 4 | RD- |

| X3 POWER | |
|--------------------------------|--------------|
| M12 / 5-Pole / B-Coding / male | |
| Pin No. | Function |
| 1 | +UB (12-48V) |
| 2 | +UB (12-48V) |
| 3 | GND |
| 4 | GND |
| 5 | N.C. |

| X4 IO | |
|---------------------------------|---------------------------------|
| M12 / 12-Pole / A-Coding / male | |
| Pin No. | Function |
| 1 | GND |
| 2 | Input 1 (+5V/+24V) |
| 3 | Input 2 (+5V/+24V) |
| 4 | Input 3 (+5V/+24V) |
| 5 | Input 4 (+5V/+24V) |
| 6 | Input 5 (+5V/+24V) |
| 7 | Input 6 (+5V/+24V) |
| 8 | Analog Input (0-10V/0-20mA) |
| 9 | Output 1 (open drain) |
| 10 | Output 2 (open drain) |
| 11 | +5V Voltage Supply (max. 100mA) |
| 12 | +UB Logic (24V) |



| MOTOR SPECIFICATION | |
|-------------------------------|---|
| Min. Operating Voltage | V DC 12 |
| Max. Operating Voltage | V DC 48 |
| Current per Winding | A 4.2 |
| Holding Torque | Nm 3.54 |
| Step Angle | ±5% ° 1.8 |
| Rotor Inertia | kg m ² 84 × 10 ⁻⁶ |
| Singleturn Encoder Resolution | bit 12 |

| GENERAL MOTOR SPECIFICATION | | |
|--|-------------|--------------------|
| Interface | ETHERNET/IP | |
| Ambient Temperature | °C | Min. -10 Max. 40 |
| Switch-off Temperature | °C | 75 |
| Max. Ambient Humidity (non condensing) | % | 85 |
| Insulation Class | B | |
| Insulation Resistance | MΩ | 100 |
| Dielectric Strength (for 1 min - coil to case) | V AC | 500 |
| Protection Class (except shaft outlet) | IP65 | |

| ISO 8015 | ISO 1302 | ISO 2768 cK | ISO 13715 |
|----------|---------------------|-------------|------------|
| 01 | unification PD4 -GM | Schneid_A | 25.03.2021 |
| REV | Rev. Text | Name | Date |

| | | | | |
|-----------------|------------|---------|--------------|---------------------------|
| Date | | Name | | PD4-E601L42-E-65-3 |
| Drawn | 04.12.2017 | Import | | |
| Reviewed | 04.04.2018 | Wang_X | | |
| Released | 04.04.2018 | Wang_X | | 07000075 |
| State: Released | | Rev: 01 | CONFIDENTIAL | A4 Page 1 |

