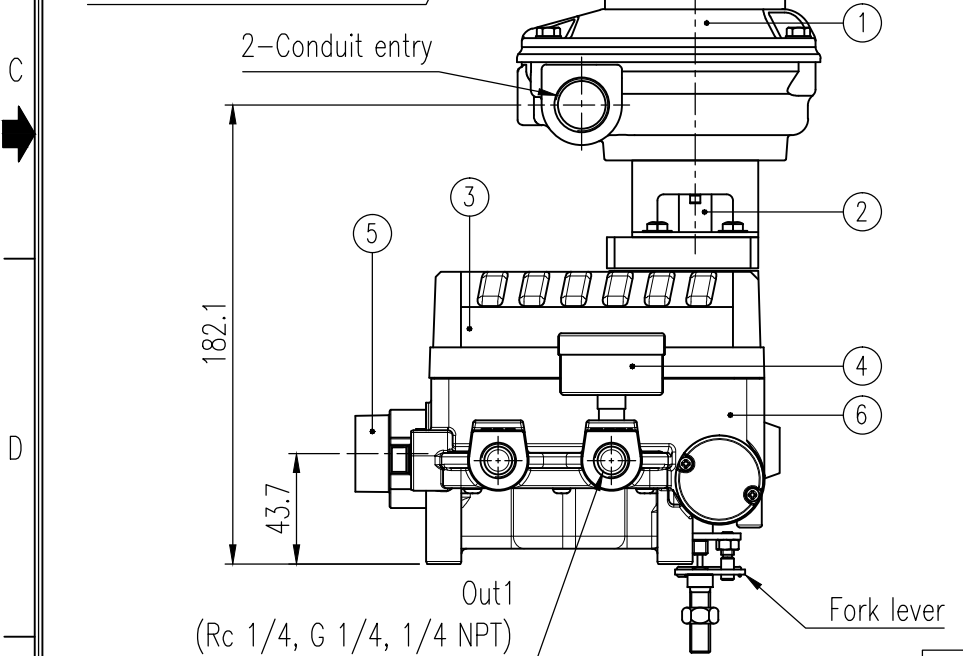
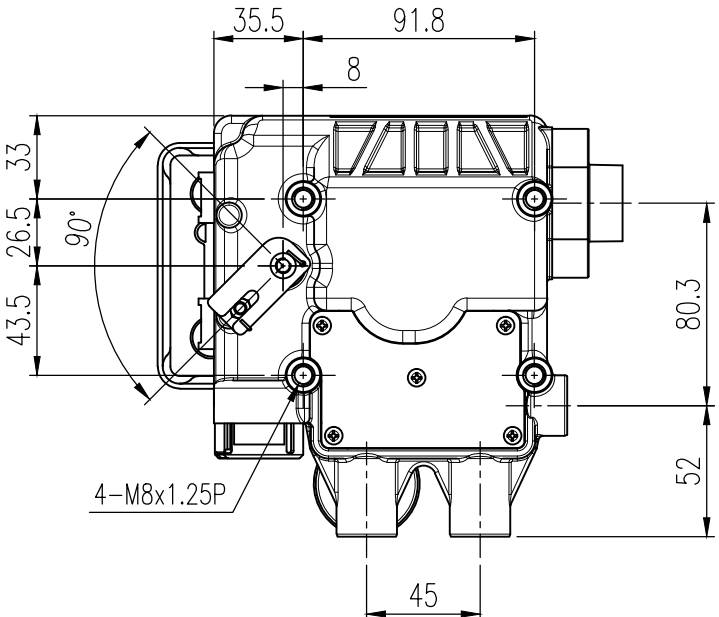
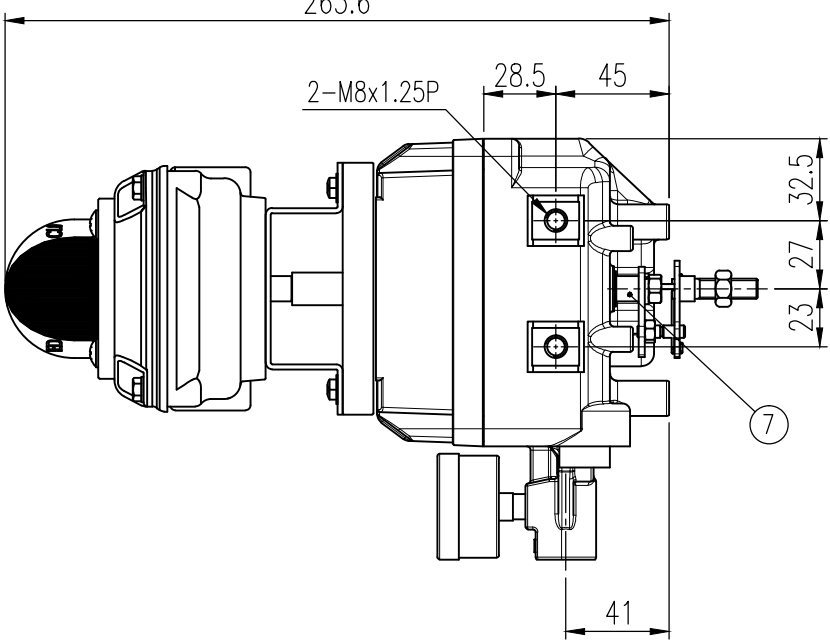
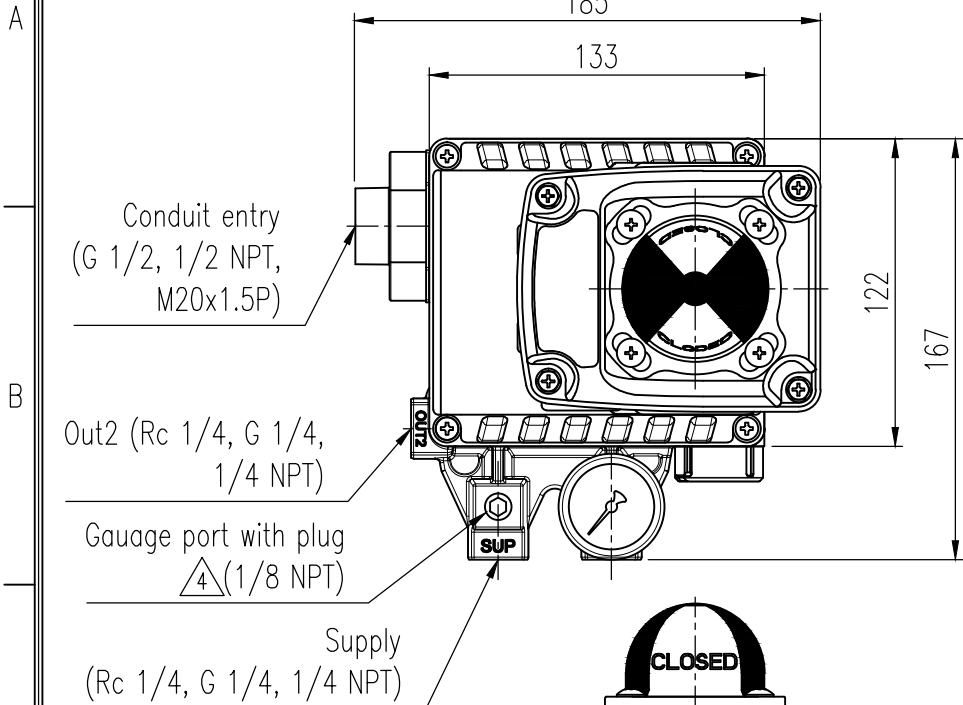


| REV.NO. | REVISION DESCRIPTION         | DRAWN / DATE | REVIEWED / DATE | APPROVED / DATE |
|---------|------------------------------|--------------|-----------------|-----------------|
|         | Previous versions omitted    |              |                 |                 |
| 3       | Company name changed         | KSH/20191021 | KCH/20191021    | KTJ/20191021    |
| 4       | Gauge threads integrated ... | KCH/20250116 | JCS/20250116    | KTJ/20250116    |



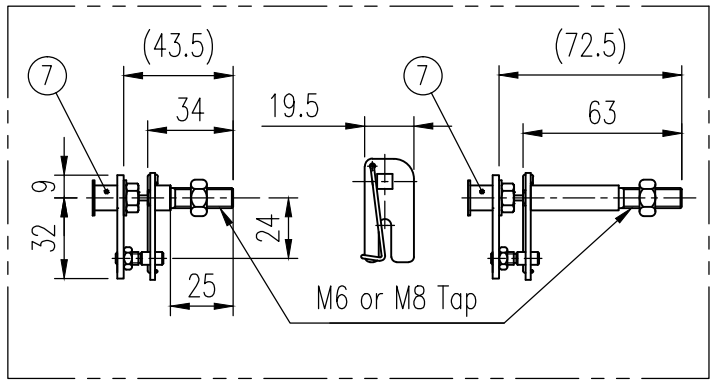
#### Specification (YT-850 external)

| Limit switch external |                              |                                                       |
|-----------------------|------------------------------|-------------------------------------------------------|
| Switch Type           | Mechanical Type (2 x SPDT)   |                                                       |
| Model No.             | SS-5GL(OMRON)                |                                                       |
| Switch Rating         | AC                           | 250 V 3A, 125 V 5A                                    |
|                       | DC                           | 250 V 0.2 A, 125 V 0.4 A, 30 V 4 A, 14 V 5 A, 8 V 5 A |
| Terminal              | 8 Points                     |                                                       |
| Conduit Entry         | G 1/2                        |                                                       |
| Explosion Protection  | Non-Explosion proof          |                                                       |
| Ingress Protection    | IP67                         |                                                       |
| Ambient Temperature   | -25 to 70 °C (-13 to 158 °F) |                                                       |

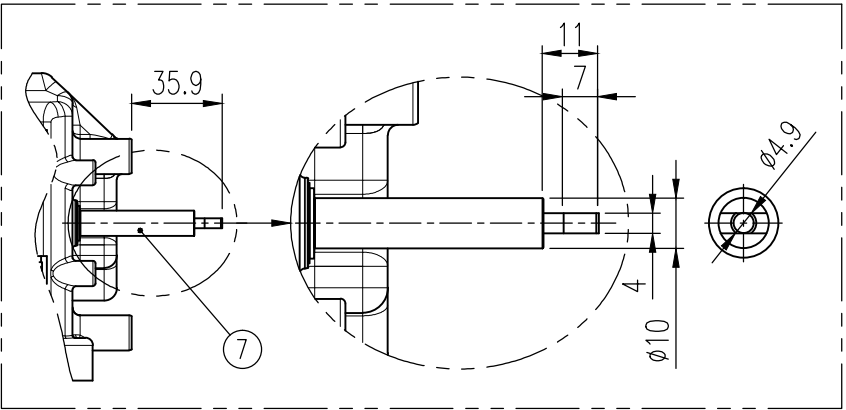
#### Specification (Positioner)

|                        |                                          |                                                           |
|------------------------|------------------------------------------|-----------------------------------------------------------|
| Motion Type            | Rotary                                   |                                                           |
| Acting Type            | <input type="checkbox"/> Single          | <input type="checkbox"/> Double                           |
| Input Signal           | 4-20 mA DC                               |                                                           |
| Impedance              | Max. 250 ± 15 Ω                          |                                                           |
| Supply Pressure        | 0.14 to 0.7 MPa (1.4 to 7 bar)           |                                                           |
| Stroke                 | 55 to 100°                               |                                                           |
| Conduit-Air Connection | <input type="checkbox"/> G 1/2-Rc 1/4    | <input type="checkbox"/> G 1/2-1/4 NPT                    |
|                        | <input type="checkbox"/> G 1/2-G 1/4     | <input type="checkbox"/> M20x1.5P-1/4 NPT                 |
|                        | <input type="checkbox"/> 1/2 NPT-1/4 NPT |                                                           |
| Explosion Proof        | Non-Explosion proof                      |                                                           |
| Orifice Type           | <input type="checkbox"/> Ø1              | <input type="checkbox"/> Ø2 <input type="checkbox"/> None |
| Operating Temp.        | -20 to 70 °C (-4 to 158 °F)              |                                                           |

|                          |                                      |                                                                |
|--------------------------|--------------------------------------|----------------------------------------------------------------|
| Linearity                | Single                               | ± 1.0 % F.S.                                                   |
|                          | Double                               | ± 2.0 % F.S.                                                   |
| Hysteresis               |                                      | ± 1.0 % F.S.                                                   |
| Sensitivity              | Single                               | ± 0.2 % F.S.                                                   |
|                          | Double                               | ± 0.5 % F.S.                                                   |
| Repeatability            |                                      | ± 0.5 % F.S.                                                   |
| Flow Capacity            | > 80 LPM (Sup. = 0.14 MPa, 1.4 bar)  |                                                                |
| Air Consumption          | < 2.5 LPM (Sup. = 0.14 MPa, 1.4 bar) |                                                                |
| Protection               | IP66 (excluding the pressure gauges) |                                                                |
| Weight                   | 3.7 kg (8.1 lb)                      |                                                                |
| Feedback Connection Type | <input type="checkbox"/> M6x34L      | <input type="checkbox"/> M6x63L <input type="checkbox"/> NAMUR |
|                          | <input type="checkbox"/> M8x34L      | <input type="checkbox"/> M8x63L                                |
| Housing Material         | Aluminum                             |                                                                |
| Painting                 | Polyester Powder Coating             |                                                                |



Fork lever type



NAMUR shaft type

| No. | Part name      | Material | Q'ty | Remark              |
|-----|----------------|----------|------|---------------------|
| 1   | YT-850         | -        | 1    |                     |
| 2   | Adapter        | STS303   | 1    |                     |
| 3   | Base cover     | ALDC12   | 1    |                     |
| 4   | Pressure gauge | STS304   | 1    | 1/8 NPT             |
| 5   | IA connector   | ALDC12   | 1    |                     |
| 6   | Base body      | ALDC12   | 1    |                     |
| 7   | Main shaft     | STS303   | 1    | Fork lever or NAMUR |

PROJECT NAME

|                   |          |                   |       |
|-------------------|----------|-------------------|-------|
| SURFACE TEXTURE   |          | PRODUCT NAME      |       |
| FINISH TREATMENT  |          | E/P Positioner    |       |
| MATERIAL          |          | MODEL             |       |
| OTHERWISE NOTE    |          | YT-1000R + YT-850 |       |
| GENERAL TOLERANCE | QUANTITY | PROJECTION        | SCALE |
|                   |          | 3rd               | 1 / 3 |
| SHEET No.         | 1 / 1    | REV.              |       |
|                   |          | 4                 |       |

|                                          |      |
|------------------------------------------|------|
| rotork® Rotork YTC Limited               |      |
| GIMPO-SI, KOREA                          |      |
| TITLE                                    |      |
| Rotary, Non-explosion, External L/S type |      |
| DRAWING NO.                              | REV. |
| 4 YT-1000R-12                            | 4    |

2019.01.23