

| REV.NO. | REVISION DESCRIPTION      | DRAWN / DATE | REVIEWED / DATE | APPROVED / DATE |
|---------|---------------------------|--------------|-----------------|-----------------|
|         | Previous versions omitted |              |                 |                 |
| △       | Drawing arrangement       | OSS/20190927 | KCH/20190927    | KTJ/20190927    |
| △       | Range display changed     | KCH/20241220 | JCS/20241220    | KTJ/20241220    |

Specifications

|                               |                                |                                |
|-------------------------------|--------------------------------|--------------------------------|
| Item. type                    | YT-520 Double                  |                                |
| Max. supply pressure          | Max. 1MPa (10bar)              |                                |
| Signal pressure setting range | 0.14 to 0.7 MPa (1.4 to 7 bar) |                                |
| Hysteresis                    | Below 0.01MPa (0.1bar)         |                                |
| Flow capacity(Cv)             | 0.9                            |                                |
| Ambient temperature           | Standard                       | □ -20 to 70 °C (-4 to 158 °F)  |
|                               | High                           | □ -20 to 120 °C (-4 to 248 °F) |
|                               | Low                            | □ -40 to 70 °C (-40 to 158 °F) |
|                               | Arctic                         | □ -50 to 70 °C (-58 to 158 °F) |
| Air connection                | 1/4 NPT                        |                                |
| Housing material              | Aluminum                       |                                |
| Weight                        | 1.3 kg (2.9 lb)                |                                |

| No. | Part name               | Material            | Q'ty | Remark                |
|-----|-------------------------|---------------------|------|-----------------------|
| 1   | Adjust shaft            | STS303              | 1    |                       |
| 2   | Nut (M8x1.0P)           | STS304              | 1    |                       |
| 3   | Mounting nut (M14x1.0P) | C3604BD + Ni plated | 1    |                       |
| 4   | Base cover              | ALDC12              | 1    |                       |
| 5   | Exhaust ring-D-1        | ALDC12              | 1    |                       |
| 6   | Diaphragm               | NBR                 | 3    | Standard              |
|     |                         | Silicone            | 3    | Low/High/Arctic temp. |
| 7   | Exhaust ring-D-2        | ALDC12              | 1    |                       |
| 8   | Base body               | ALDC12              | 1    |                       |
| 9   | Lower body              | ALDC12              | 1    |                       |
| 10  | Base body-Double        | ALDC12              | 1    |                       |
| 11  | Lower body-Double       | ALDC12              | 1    |                       |

NOTE

1. Be sure that the difference between setting pressure and signal pressure is over 0.1 MPa.

|                  |                   |                   |           |                                                                  |      |
|------------------|-------------------|-------------------|-----------|------------------------------------------------------------------|------|
| SURFACE TEXTURE  |                   | PRODUCT NAME      |           | <div>rotork® Rotork YTC Limited</div> <div>GMPO-SI , KOREA</div> |      |
| FINISH TREATMENT |                   | Snap acting relay |           |                                                                  |      |
| MODEL            |                   | YT-520D           |           | TITLE                                                            |      |
| MATERIAL         |                   | 3rd               |           |                                                                  |      |
| PROJECTION       |                   | SCALE             |           | Double standard type                                             |      |
| 3rd              |                   | 1 / 1.5           |           |                                                                  |      |
| OTHERWISE NOTE   | GENERAL TOLERANCE | QUANTITY          | SHEET No. | DRAWING NO.                                                      | REV. |
| —                | —                 | 1                 | 1 / 1     | YT-520D-1                                                        | 3    |