



### GENERAL FEATURES

- 150° ve 340° electrical angle
- 20 mm hollow shaft
- 59.80 mm body diameter
- Potentiometric output
- High linearity up to  $\pm 0.5\%$
- Long life up to 10 million movements
- Dust and moisture resistant, IP63 protection class
- No mechanical rotation limitation

### APPLICATION FIELDS

- Textile machinery
- Automatic door control systems
- Automotive
- All kinds of control and measurement applications

### TECHNICAL FEATURES

#### Electrical Data

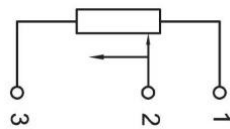
|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Independent Linearity     | $\pm 0.5\%$                                                           |
| Repeatability             | 0.1° max.                                                             |
| Output Type               | <b>Potentiometric</b>                                                 |
| Electrical Angle          | 150°, 340°                                                            |
| Supply Voltage            | 42V max.                                                              |
| Resistance Values         | 1K, 2K, 5K, 10K                                                       |
| Resistance Tolerance      | $\pm 20\%$                                                            |
| Resistance Element        | Conductive Plastic                                                    |
| Resolution                | Infinite                                                              |
| Recommended Wiper Current | 100 $\mu$ A max.                                                      |
| Power Rating              | 0.5W / 40°C max.                                                      |
| Minimum Life (electrical) | 10 million movements                                                  |
| Electrical Connection     | 3x0,102 mm <sup>2</sup> soft PVC cable (standard 1m, optional others) |

#### Mechanical Data

|                       |                                 |
|-----------------------|---------------------------------|
| Dimensions            | See mechanical dimensions table |
| Mechanical Angle      | 360°, continuous                |
| Torque                | 6 Ncm max.                      |
| Operating Temperature | -25°C ... +75°C                 |
| Storage Temperature   | -25°C ... +105°C                |
| Housing Material      | Aluminum                        |
| Protection Class      | IP63                            |

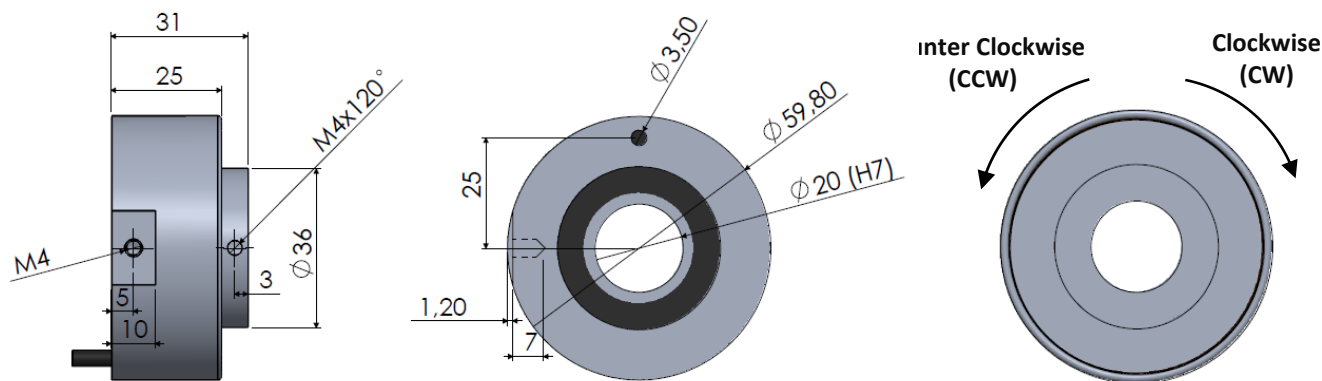
## ELECTRICAL CONNECTIONS

| SIGNAL                | CABLE COLOR |
|-----------------------|-------------|
| +V                    | Green (1)   |
| Potentiometric output | Red (2)     |
| -V                    | Yellow (3)  |



Potentiometer connection  
(voltage divider)

## MECHANICAL DIMENSIONS (mm)



## ORDER CODE

| Model         |   |     |   | Angle      |   | Cable Length           |   |     |                         |     |
|---------------|---|-----|---|------------|---|------------------------|---|-----|-------------------------|-----|
|               |   |     |   | 150 : 150° |   | 1M: 1 meter (standard) |   |     |                         |     |
|               |   |     |   | 340 : 340° |   | *Optional others       |   |     |                         |     |
| RHP           | - | XXX | - | XXX        | - | XX                     | - | XXX | -                       | XXX |
| Body Diameter |   |     |   |            |   | Resistance Value       |   |     | Output Type             |     |
| 060: 59.80 mm |   |     |   |            |   | 1K: 1K                 |   |     | No Code: Potentiometric |     |
|               |   |     |   |            |   | 2K: 2K                 |   |     |                         |     |
|               |   |     |   |            |   | 5K: 5K                 |   |     |                         |     |
|               |   |     |   |            |   | 10K: 10K               |   |     |                         |     |

فروشگاه کانون ابزار

ali5.ir

021 66393900 - 0912 1473023