

## HX-07

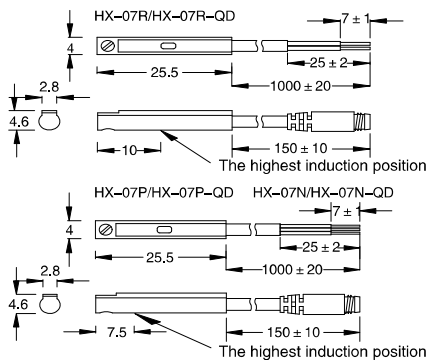
### Magnet Switch



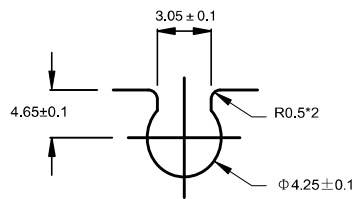
#### How to Order?

| HX           | - | 07         | D                                                                                                          | - | 2M                                                                                                                                                                                                                     |
|--------------|---|------------|------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product code |   | Series NO. | Switch Type<br>D: Two wire without contact switch<br>N: NPN type<br>P: PNP type<br>R: Two wire reed switch |   | Wirelength<br>1M:1M<br>2M:2M<br>5M:5M<br>10M:10M<br>.....<br>QD8: QD8Male connector<br>QD12: QD12Male connector<br>Note:The standard wire length of the quick connector is 0.15m. Other wire lengths cannot be ordered |

#### Dimension



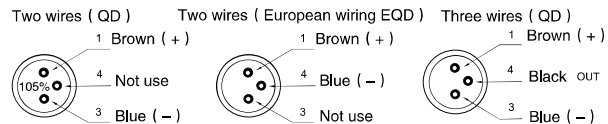
#### Groove Dimension



Suitable for cylinder:

SQ/SQM/EU/EUK/  
EUM/EUP/SF/SFM/  
SQK/SG//EMQ/ELS/  
ELQ/EXH/ESWT  
\*SHY/SHZ(except Φ10)

#### M8/M12 male wiring diagram



#### Specifications

| Type                     | HX-07D                                 | HX-07N                                 | HX-07P              | HX-07R                                |
|--------------------------|----------------------------------------|----------------------------------------|---------------------|---------------------------------------|
| Connect Diagram          |                                        |                                        |                     |                                       |
| Parameter                |                                        |                                        |                     |                                       |
| Wiring method            | 2-Wire Type                            | 3-Wire Type                            |                     | 2-Wire Type                           |
| Switching logic          |                                        | Electronic no contact type N.O.        |                     | SPST Normally Open                    |
| Sensor type              | None contact type                      | NPN type ( Input )                     | PNP type ( Output ) | Reed switch                           |
| Operating voltage        | 10-28V DC                              | 5 - 30V DC                             |                     | 5-240V DC/AC                          |
| Max. switching current   | 50mA max                               | 200mA max.                             |                     | 100mA max.                            |
| Contact rating           | 1.4 W max                              | 6W max.                                |                     | 10W max.                              |
| Current consumption      | 40 μ Amax@24V                          | 8mAmax@24V(Switch Active)              |                     | None                                  |
| Voltage drop             | 2.8 V max.                             | 1 V max.@200mA DC                      |                     | 2.5 V max.                            |
| Leakage current          | 90 μ Amax@28V                          | 0.01mA max.                            |                     | None                                  |
| Indicator                |                                        | Red LED                                |                     |                                       |
| Max. exchange frequency  |                                        | 1000Hz                                 |                     | 200Hz                                 |
| Temperature range        |                                        | -10 - 70℃                              |                     |                                       |
| Shock                    |                                        | 50G                                    |                     | 30G                                   |
| Vibration                |                                        | 9G                                     |                     |                                       |
| Enclosure classification |                                        | IEC 529 IP67 (NEMA 6)                  |                     |                                       |
| Protection circuit       | 2、4                                    | 3、4                                    |                     | 1                                     |
| Cable                    | 2.6Φ,2C,Black color,oil resistance PVC | 2.6Φ,3C,Black color,oil resistance PVC |                     | 2.6Φ,2C,Gray color,oil resistance PVC |
| Switch sensitive         |                                        | 40-750G                                |                     | 70G                                   |