

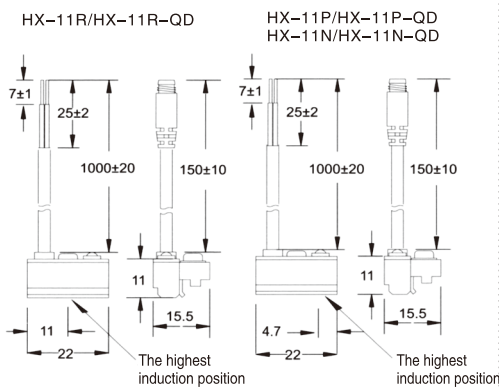
HX-11 Magnet Switch



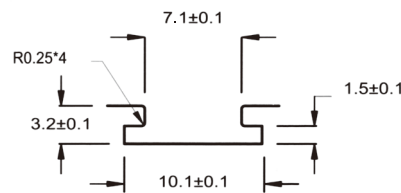
How to Order?

| | | | | | |
|--------------|----------|------------|--|----------|---|
| HX | - | 11 | D | - | 2M |
| Product code | | Series NO. | Switch Type D: Two wire without contact switch N: NPN type P: PNP type R: Two wire reed switch | | Wirelength 2M: 2M 5M: 5M 10M: 10M QD8: QD8 Male connector QD12: QD12 Male connector Note: The standard wire length of the quick connector is 0.15m. Other wire lengths cannot be ordered |

Dimension

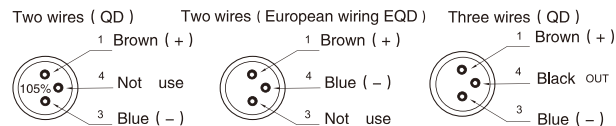


Groove Dimension



Suitable for cylinder:
SD/EN

M8/M12 male wiring diagram



Specifications

| Type | HX-11D | HX-11N | HX-11P | HX-11R |
|--------------------------|---|---|--------------------|--|
| Connect Diagram | | | | |
| Parameter | | | | |
| Wiring method | 2-Wire Type | 3-Wire Type | | 2-Wire Type |
| Switching logic | Electronic 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 μA max @ 24V | 20mA max @ 24V (Switch Active) | | None |
| Voltage drop | 2.8 V max. | 1 V max. @ 200mA DC | | 2.5 V max. |
| Leakage current | 90 μA max @ 28V | 0.01mA max. | | None |
| Indicator | Red LED | | | |
| Max. exchange frequency | 1000Hz | | | 200Hz |
| Temperature range | -10-70°C | | | |
| Shock | 50G | | 30G | |
| Vibration | 9G | | | |
| Enclosure classification | IEC 529 IP67 (NEMA 6) | | | |
| Protection circuit | 2, 4 | 3, 4 | | 1 |
| Cable | 3.3Φ, 2C, Black color, oil resistance PVC | 3.3Φ, 3C, Black color, oil resistance PVC | | 3.3Φ, 2C, Gray color, oil resistance PVC |
| Switch sensitive | 40-750G | | | 40-50G |

Note: 1= none /2= output short circuit protection /3= power reverse protection /4= surge absorption protection