

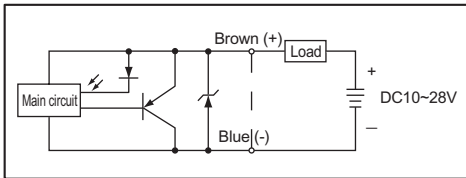


Specification

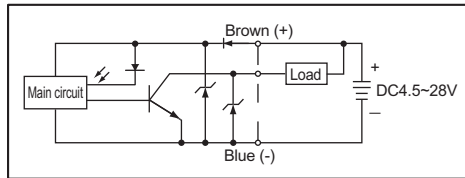
| Type | DTH-F9N | DTH-F9P | DTH-F9B | DTH-F9NV | DTH-F9PV | DTH-F9BV |
|--------------------------|---|----------------------|----------------|---------------------|----------------------|----------------|
| Wiring system | Three wire type | | Two wire type | Three wire type | | Two wire type |
| Switching logic | NPN Current sinking | PNP Current sourcing | Reed switch | NPN Current sinking | PNP Current sourcing | Reed switch |
| Operating voltage | DC 4.5 ~ 28 V | | DC/AC 10 ~ 28V | DC 4.5 ~ 28 V | | DC/AC 10 ~ 28V |
| Switching current | 50mA max. | | 4 ~ 20mA max. | 50mA max. | | 4 ~ 20mA max. |
| Switching rating | 1.5W max. | | 0.6W max. | 1.5W max. | | 0.6W max. |
| Current consumption | 10mA@24V DC max. | | — | 10mA@24VDC max. | | — |
| Internal voltage drop | 0.5mA@50mA max. | | 3.5V max. | 0.5V@50mA max. | | 3.5V max. |
| Leakage current | 0.01mA max. | | 0.8mA max. | 0.01mA max. | | 0.8mA max. |
| Indicator lamp | Red LED | | | | | |
| Cable | φ 2.6, 3C, PVC | | φ 2.6, 2C, PVC | φ 2.6, 3C, PVC | | φ 2.6, 2C, PVC |
| Temperature range | -10°C ~ 70°C | | | | | |
| Shock | 50G | | | | | |
| Vibration | 9G | | | | | |
| Enclosure classification | IEC529 IP67 | | | | | |
| Protection circuit | Reserve polarity, short-circuit ; Surge suppression | | | | | |

Connect diagram

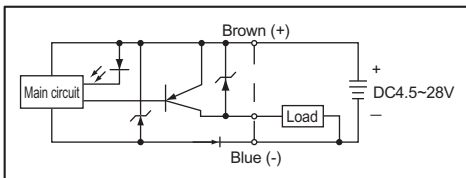
● DTH-F9B / DTH-F9BV



● DTH-F9N / DTH-F9NV

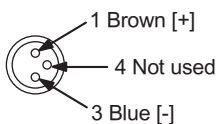


● DTH-F9P / DTH-F9PV

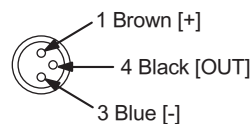


Pinout

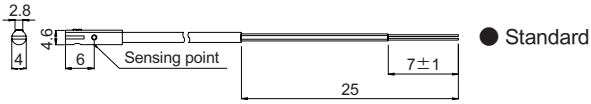
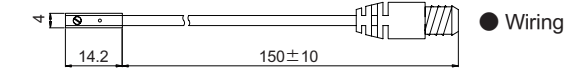
● DTH-F9B / DTH-F9BV



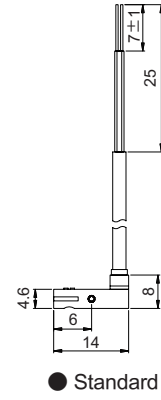
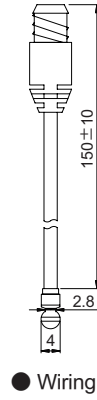
● DTH-F9N / DTH-F9P / DTH-F9NV / DTH-F9PV



DTH-F9B / DTH-F9N / DTH-F9P Dimension



DTH-F9BV / DTH-F9NV / DTH-F9PV Dimension



Cylinder mode

DSV2、DSV2S、DSH3、DKHZ、DKHT、DKA、DKB、DKQ、DKM、DKMR