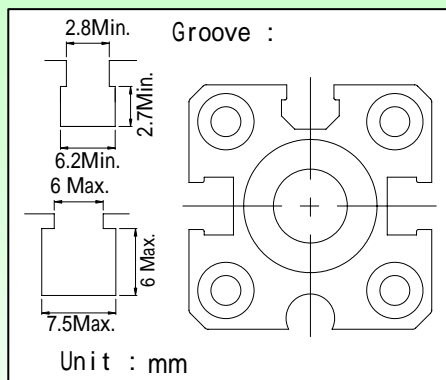


# FK-76-1 Series : Minute case



## Specification

| Characteristics                | Type | FK - 76-1R  | FK - 76-1N                                     | FK - 76-1P                                     |  |
|--------------------------------|------|---|--|--|--|
| Wiring                         |      | 2Wire   | 3 Wire   |  |  |
| Connect Diagram                |      |   |  |  |  |
| Switching logic                |      | Normally open                                       | Solid state output, Normally open              |  |  |
| Output                         |      | Reed switch   | NPN Sinking                                    | PNP Sourcing                                   |  |
| Lead wire type                 |      | Horizontal  |  |  |  |
| Load voltage                   |      | 5 ~ 120V DC/AC                                      | 5~28V DC                                       |  |  |
| Load current                   |      | 100mA Max.  | 200mA Max.                                     |  |  |
| Switching rating               |      | 5W Max.   | 6W Max.  |  |  |
| Current consumption            |      | ---   | 20mA Max.@ 24V                                 | 18mA Max.@ 24V                                 |  |
| Voltage drop                   |      | 2.5V Max.@ 40mA DC                                  | 0.5V Max.@ 200mA (Resistive load)              |  |  |
| Leakage current                |      | ---   | 0.01mA Max.                                    |  |  |
| Frequency                      |      | 200Hz   | 1000Hz   |  |  |
| Shock                          |      | 30G   | 50G  |  |  |
| Vibration                      |      | 90 m/s <sup>2</sup> (9G), Double amplitude 1.5 mm   |  |  |  |
| Insulation resistant           |      | DC 500V 100MΩ ( Lead wire to case )                 |  |  |  |
| Withstand voltage              |      | AC 1000V ( 50/60Hz ) 1 minute ( Lead wire to case ) |  |  |  |
| CE & Protection IP             |      | EN60947-5-2 IEC529 IP67(NEMA 6)                     |  |  |  |
| Indicator                      |      | Red LED   |  | Green LED                                      |  |
| Cable                          |      | 2.6 ,2C, Gray PVC                                   | 2.6 ,3C, Black PVC                             |  |  |
| Temperature range              |      | -10 ~ 70  |  |  |  |
| Protection circuit             |      | ---   | Reverse polarity; Surge suppression            |  |  |
| Dimensions<br>M8&M12-Connector |      | FK -76-1R<br>FK -76-1R-M8QD<br>FK -76-1R-M12QD      | FK -76-1N<br>FK -76-1N-M8QD<br>FK -76-1N-M12QD | FK -76-1P<br>FK -76-1P-M8QD<br>FK -76-1P-M12QD | M8 ( 2-Wire QD Link)    M8 ( 2-Wire E-QD Link) |
|                                |      |   |  |  |  |
|                                |      |   |  |  | M8 ( 3-Wire QD Link)    M12 ( 3-Wire QD Link)  |
|                                |      |   |  |  |  |