






SIM12FM1NC2

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|--------------------------------|-------------|--|
| Sensing Distance | | 2mm |
| Sensing Face | | PBT |
| Switching Frequency | | 800 Hz |
| Connection Type | | 2m Cable |
| Operational Voltage | | 10-30V DC |
| Product | | Inductive Sensor |
| Type | | Flush |
| Mounting | | Flush |
| Dia | | M12 |
| Insulation Voltage | Ui | 1500 VAC |
| Impulse Withstand Voltage | Uimp | 75V DC |
| Operating Temperature | | -25°C...+70°C |
| Pollution Degree | | 3 |
| Protection Degree | | IP67 |
| Hysteresis | | <%15 Sr (effective operating distance) |
| Number of Contact | | 1 |
| Repeat Accuracy | | <0,1 Sr |
| Output/Contact Type | | NPN-NO |
| Reverse Polarity Protection | | Available |
| Short Circuit Protection | | Available |
| Max. Load Current | | 200 mA hiccup |
| Temperature Drift | | <0,1 Sr |
| Time Delay Before Availability | | ≤100 ms |
| No Load Current | | < 15 mA |
| Leakage Current | | ≤0,5mA |
| Min. Load Current | | < 1mA |
| Voltage Drop | | < 2 V |
| Ripple (Voltage) | | < %10 |

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|---|---------------------------------------|
| EMC | 61000-4-3 3V/m -- 61000-4-6 3 |
| Conditional Short Circuit Current | 100A |
| Usage Category - Operating Current | DC13 - 200mA |
| Body Material | Metal |
| Number of Cable and Cable Section | 3 x 0,25 mm ² |
| Serial | SIM Series |
| Specifications | Rapid switching |
| | Easy to install |
| | Short circuit and overload protection |
| | Reverse polarity protection |
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