







SIM12NM1PSX

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| Product | Inductive Sensor |
| Serial | SIM Series Inductive Sensor |
| Body Material | Metal |
| Type | Nonflush |
| Output/Contact Type | PNP-NO |
| Sensing Distance | 4mm |
| Connection Type | M12 Connector |
| Connection / Nominal Dimension | M12 |
| Mounting | Non Flush |
| Operational Voltage | 10-30V DC |
| 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 |
| Switching Frequency | 400 Hz |
| 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 |

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| Voltage Drop | < 2 V |
| Ripple (Voltage) | < %10 |
| EMC | 61000-4-3 3V/m -- 61000-4-6 3 |
| Conditional Short Circuit Current | 100A |
| Usage Category - Operating Current | DC13 - 200mA |
| Sensing Face | PBT |
| Number of Cable and Cable Section | 3 x 0,25 mm ² |
| Production Time | 1.11.2020 00:00:00 |
| Specifications | Fast switching |
| | Resistant to friction and attrition |
| | With Cable and Connector models |
| | Short circuit and overload protection |
| | Reverse polarity protection |
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