

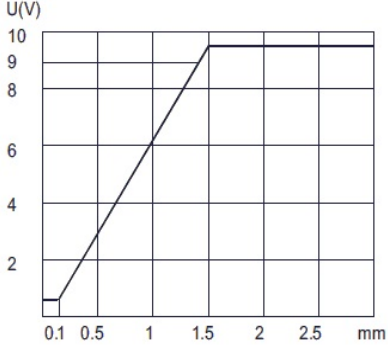
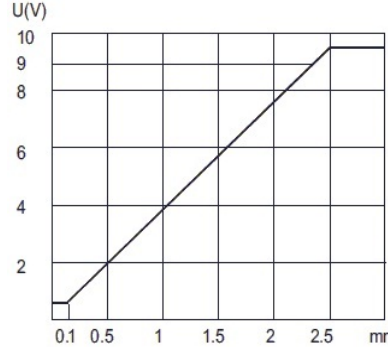
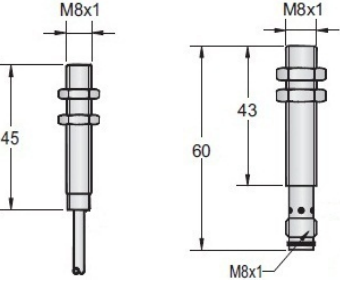
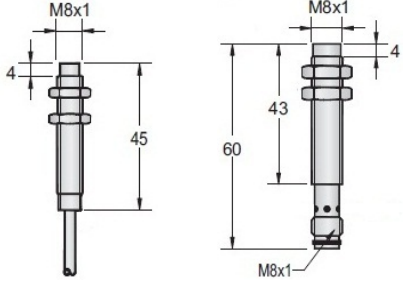


ANALOG INDUCTIVE PROXIMITY SWITCH (M8)-Voltage Output

| Diameter | M8 | | M8 | |
|-------------------------------------|---|----|---|----|
| Shielded/non-Shielded | Shielded | | Non-Shielded | |
| Switching Distance Sn mm | 0.1-1.5 mm | | 0.1-2.5 mm | |
| Housing Material | Nickel plated brass | | Nickel plated brass | |
| With LED/Without LED | Without LED | | Without LED | |
| Picture |  | |  | |
| Supply Voltage | 18-30VDC | | 18-30VDC | |
| Max. Ripple | <10% | | <10% | |
| No Load Currentt | <35mA | | <35mA | |
| Output Voltage/Load Resistor | 0-10VDC / >=2KΩ | | 0-10VDC / >=2KΩ | |
| Output Current/Load Resistor | - | | - | |
| Linearity | <5%(sr) | | <5%(sr) | |
| Repeat Accuracy | 0.02mm | | 0.02mm | |
| Ambient Temperature | 0 °C - +70 °C | | 0 °C - +70 °C | |
| Temperature Drift | <5%(sr) | | <5%(sr) | |
| Short Circuit Protection | - | | - | |
| Reverse Polarity Protection | YES | | YES | |
| Protection Degree | IP67 | | IP67 | |
| Output Signal | PNP-ANALOG | | PNP-ANALOG | |
| Switch Frequency Max. | 100HZ | | 100HZ | |
| Time Delay Before Availability | - | | - | |
| EMC | RFI>3V/M; EFT>1KV; ESD>4KV(contact) | | RFI>3V/M; EFT>1KV; ESD>4KV(contact) | |
| Shock / Vibration | IEC 60947-5-2,Part7.4.1;IEC 60947-5-2,Part7.4.2 | | IEC 60947-5-2,Part7.4.1;IEC 60947-5-2,Part7.4.2 | |
| Material Active Face | PBT | | PBT | |
| Characteristics (Voltage output) |  | |  | |
| Inductive voltage output, cable | D5B1-M081.5G-V3A2 | 20 | D5B2-M082.5G-V3A2 | 20 |
| Inductive voltage output, connector | D5B1-M081.5G-VPA3 | 26 | D5B2-M082.5G-VPA3 | 26 |
| Wiring diagram number | ↑ | | ↑ | |
| Dimensions (unit: mm) |  | |  | |
| Cable 2M (PVC) | 3φ 3x0.15 / M8 Pico-style | | 3φ 3x0.15 / M8 Pico-style | |
| Weight | approx.40 g / approx. 15 g | | approx.40 g / approx. 15 g | |

Subject to modifications without notice

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