

PART K-01 ~ K-26

Diameter

● Shielded ○ non-Shielded

Switching Distance Sn mm

Housing Material

● With LED ○ Without LED

Dimensions (unit: mm)

Operating Voltage

Ripple

No Load Current

Max. Load Current

Leakge Current

Surge Current

Min. Load Current

Voltage Drop

Switching Frequency

Response Time

Switching Hysteresis

Repeat Accuracy

Protection Category

Operating Temperature

Temperature Drift

Short Circuit Protection

Overload Trip Point

Time Delay Before Availability

EMC

Shock / Vibration

Material Active Face

DC 3 wire 10-30V NPN N.O.

DC 3 wire 10-30V NPN N.C.

DC 3 wire 10-30V PNP N.O.

DC 3 wire 10-30V PNP N.C.

DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)

DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)

DC 2 wire 10-60V N.O.

DC 2 wire 10-60V N.C.

DC 3 wire 10-55v NPN N.O. or NAMUR

DC 3 wire 10-55v NPN N.C.

DC 3 wire 10-55v PNP N.O.

DC 3 wire 10-55v PNP N.C.

DC 3 wire 5-36V NPN N.O.

DC 3 wire 5-36V NPN N.C.

DC 3 wire 5-36V PNP N.O.

DC 3 wire 5-36V PNP N.C.

DC 4 wire 5-36V Changeover PNP (N.O & N.C.)

DC 4 wire 5-36V Changeover NPN (N.O & N.C.)

Remark

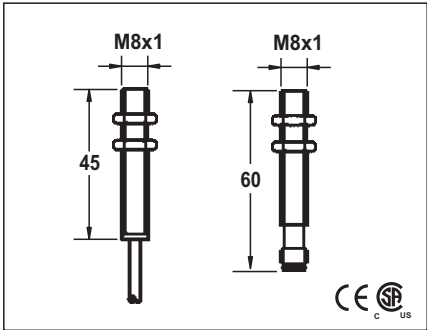
Cable 2M (PVC)

Weight

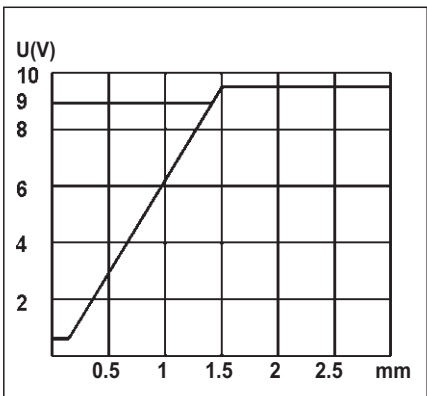
Please put each catalog page in the blank. The specification on the left will help your reading.

INDUCTIVE VOLTAGE OUTPUT ANALOG SENSOR

M 8
●
0.1-1.5 mm
Nickel plated brass
○



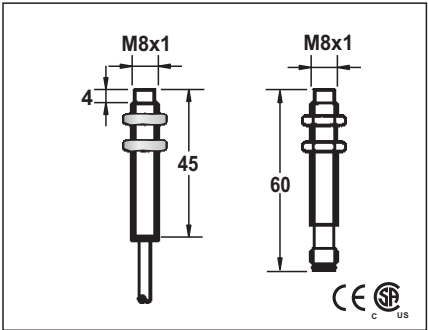
18-30VDC
<10%
<35mA
0-10VDC / ≥2KΩ
-
<5%(Sr)
0.02mm
0 °C-70 °C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT



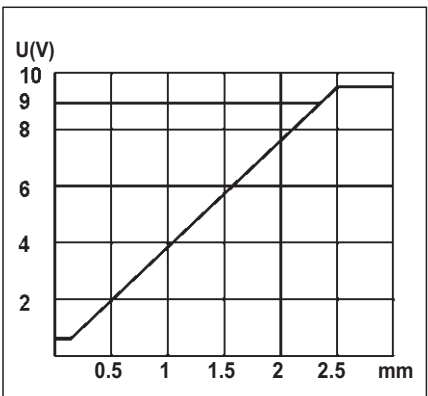
FCM1-081.5G-V3U2	20	FCM1-081.5G-VCU3

3 φ 3x0.15	—
approx.40g	approx.15g

M 8
○
0.1-2.5 mm
Nickel plated brass
○



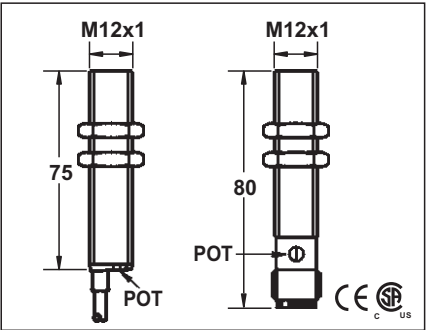
18-30VDC
<10%
<35mA
0-10VDC / ≥2K
-
<5%(Sr)
0.02mm
0 ° C-70 ° C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT



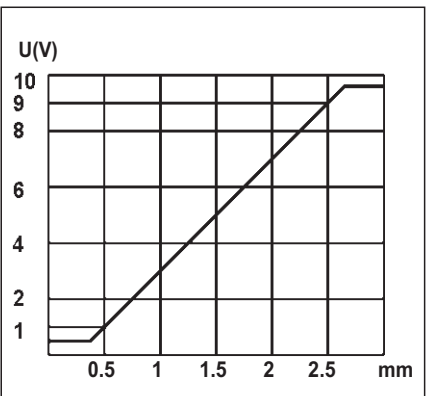
FCM2-082.5G-V3U2	20	FCM2-082.5G-VCU3

3 φ 3x0.15	—
approx.40g	approx.15g

M 12
●
0.3-2.5 mm
Nickel plated brass
○



18-30VDC
<10%
<35mA
0-10VDC / ≥2K
-
<5%(Sr)
0.02mm
0 ° C-70 ° C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT

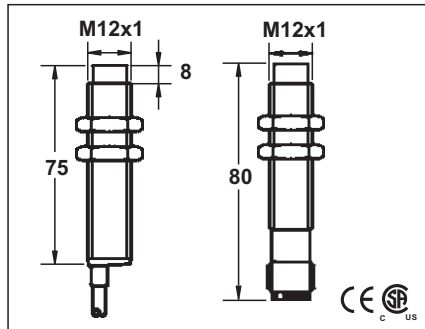


FCM1-122.5G-V3U2	20	FCM1-122.5G-VRU4

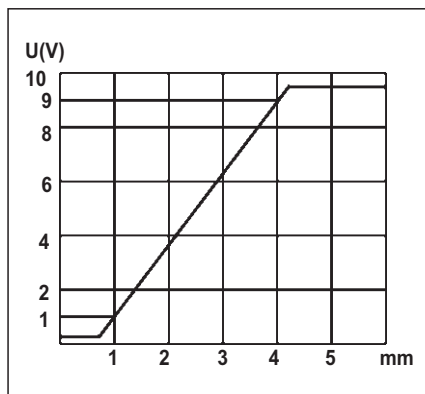
4 φ 3x0.15	—
approx.67g	approx.30g

INDUCTIVE VOLTAGE OUTPUT ANALOG SENSOR

M 12
○
1-4 mm
Nickel plated brass
○



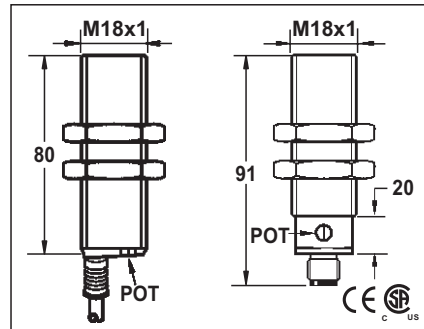
18-30VDC
<10%
<35mA
0-10VDC / $\geq 2K\Omega$
-
<5%(Sr)
0.02mm
0 °C-70 °C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT



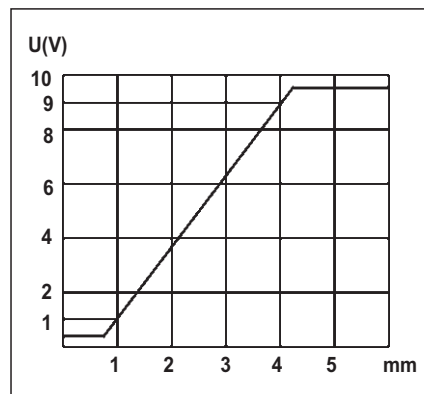
FCM2-1204G-V3U2	20	FCM2-1204G-VRU4

4 ϕ 3x0.15	—
approx.67g	approx.30g

M 18
●
1-4 mm
Nickel plated brass
○



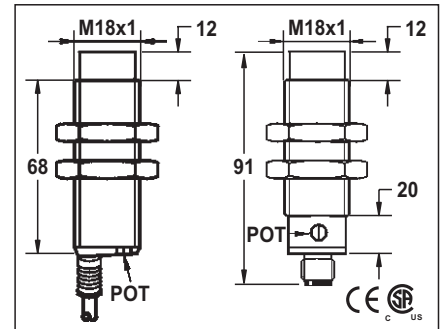
18-30VDC
<10%
15mA
0-10VDC / $\geq 4.7K\Omega$
-
<10%(Sr)
0.02mm
0 °C-70 °C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT



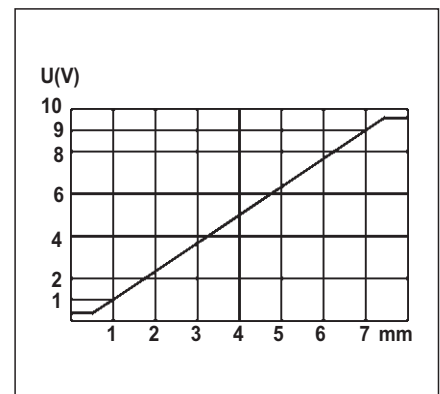
FCM1-1804G-V3U2	20	FCM1-1804G-VRU4

5.0 ϕ 44x0.1	—
approx.142g	approx.60g

M 18
○
1-7 mm
Nickel plated brass
○



18-30VDC
<10%
15mA
0-10VDC / $\geq 4.7K\Omega$
-
<10%(Sr)
0.02mm
0 °C-70 °C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT

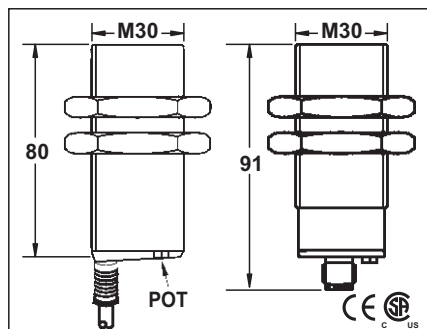


FCM2-1807G-V3U2	20	FCM2-1807G-VRU4

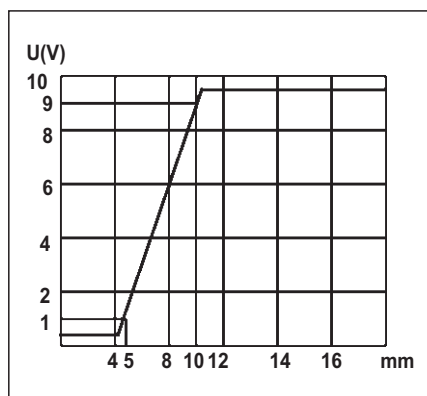
5.0 ϕ 44x0.1	—
approx.142g	approx.60g

INDUCTIVE VOLTAGE OUTPUT ANALOG SENSOR

M 30
●
5-10mm
Nickel plated brass
○



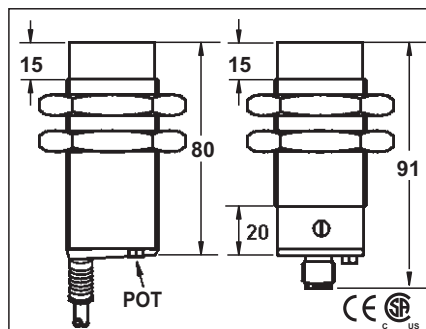
18-30VDC
<10%
15mA
0-10VDC / $\geq 4.7K\Omega$
-
<10%(Sr)
0.02mm
0 °C-70 °C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT



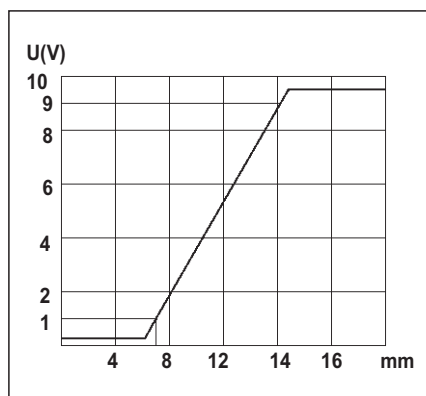
FCM1-3010G-V3U2	20	FCM1-3010G-VRU4

5.8 ϕ 3x0.5	—
approx.252g	approx.110g

M 30
○
7-14mm
Nickel plated brass
○



18-30VDC
<10%
15mA
0-10VDC / $\geq 4.7K\Omega$
-
<10%(Sr)
0.02mm
0 °C-70 °C
5%(Sr)
NO
YES
IP67
PNP-ANALOG
100Hz
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT



FCM2-3014G-V3U2	20	FCM2-3014G-VRU4

5.8 ϕ 3x0.5	—
approx.246g	approx.110g