

## PART H-01 ~ H-04

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.

AC/DC 4 wire 5-36v Changeover PNP (N.O. & N.C.)

AC/DC 4 wire 5-36v Changeover NPN (N.O. & N.C.)

Remark

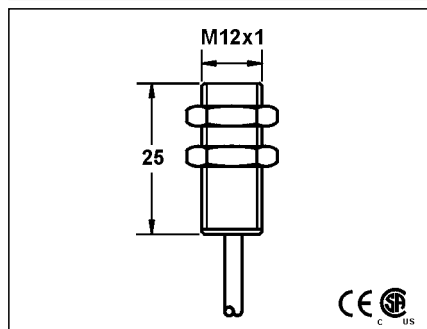
Cable 2M (PVC)

Weight

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

## NAMUR INDUCTIVE PLASTIC HOUSING PROXIMITY SWITCH

|                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| M 12                                                                              |                                                                                   |
|  |  |
| 2 mm                                                                              | 4 mm                                                                              |
| PBT RESIN                                                                         |                                                                                   |
|  |                                                                                   |

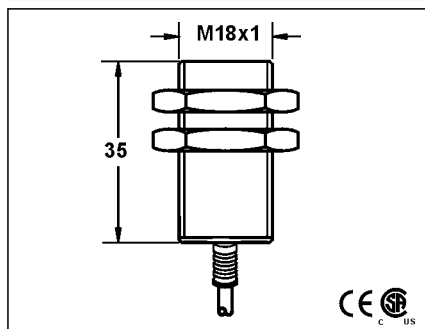


|                                                     |             |
|-----------------------------------------------------|-------------|
| 6-12VDC                                             |             |
| -                                                   |             |
| >2.2mA(OFF)                                         | <1.1mA(ON)  |
| -                                                   |             |
| -                                                   |             |
| -                                                   |             |
| -                                                   |             |
| -                                                   |             |
| 1KHZ                                                | 500HZ       |
| 0.1ms/0.1ms                                         | 0.2ms/0.2ms |
| <15%(Sr)                                            |             |
| -                                                   |             |
| IP67                                                |             |
| -25 °C - +70 °C                                     |             |
| <2%(Sr)                                             |             |
| -                                                   |             |
| -                                                   |             |
| <10ms                                               |             |
| 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                                                 |             |

[illegible]

|              |
|--------------|
|              |
| 4ø2x0.15     |
| Approx. 52 g |

|                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| M 18                                                                              |                                                                                   |
|  |  |
| 5 mm                                                                              | 8 mm                                                                              |
| PBT RESIN                                                                         |                                                                                   |
|  |                                                                                   |

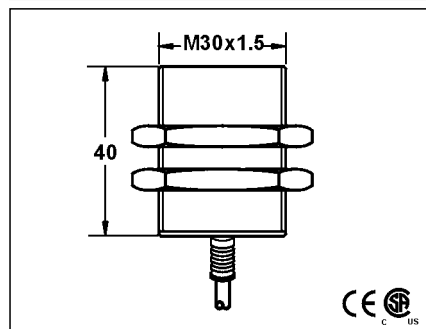


|                                                     |             |
|-----------------------------------------------------|-------------|
| 6-12VDC                                             |             |
| -                                                   |             |
| >2.2mA(OFF)                                         | <1.1mA(ON)  |
| -                                                   |             |
| -                                                   |             |
| -                                                   |             |
| -                                                   |             |
| 500HZ                                               | 300HZ       |
| 0.2ms/0.2ms                                         | 0.5ms/0.5ms |
| <15%(Sr)                                            |             |
| -                                                   |             |
| IP67                                                |             |
| -25 °C - +70 °C                                     |             |
| <2%(Sr)                                             |             |
| -                                                   |             |
| -                                                   |             |
| <10ms                                               |             |
| 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                                                 |             |

[illegible]

|                   |
|-------------------|
|                   |
| 4.8 $\phi$ 44x0.1 |
| Approx.102 g      |

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| M30                                                                                 |                                                                                     |
|  |  |
| 10 mm                                                                               | 15 mm                                                                               |
| PBT RESIN                                                                           |                                                                                     |
|  |                                                                                     |



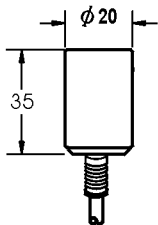
|                                                     |            |
|-----------------------------------------------------|------------|
| 6-12VDC                                             |            |
| -                                                   |            |
| >2.2mA(OFF)                                         | <1.1mA(ON) |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| 300HZ                                               | 100HZ      |
| 0.5ms/0.5ms                                         | 1ms/1ms    |
| <15%(Sr)                                            |            |
| -                                                   |            |
| IP67                                                |            |
| -25 °C - +70 °C                                     |            |
| <2%(Sr)                                             |            |
| -                                                   |            |
| -                                                   |            |
| <10ms                                               |            |
| 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                                                 |            |

[illegible]

|              |
|--------------|
|              |
| 4.8Ø44x0.1   |
| Approx.131 g |

# NAMUR INDUCTIVE PLASTIC HOUSING PROXIMITY SWITCH

|                                                                                   |
|-----------------------------------------------------------------------------------|
| $\phi 20$                                                                         |
|  |
| 10 mm                                                                             |
| PBT RESIN                                                                         |
|  |

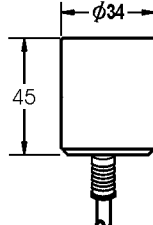


|                                                     |            |
|-----------------------------------------------------|------------|
| 6-12VDC                                             |            |
| -                                                   |            |
| >2.2mA(OFF)                                         | <1.1mA(ON) |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| 100HZ                                               |            |
| 1ms/1ms                                             |            |
| <15%(Sr)                                            |            |
| -                                                   |            |
| IP67                                                |            |
| -25 °C - +70 °C                                     |            |
| <2%(Sr)                                             |            |
| -                                                   |            |
| -                                                   |            |
| <10ms                                               |            |
| 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                                                 |            |

[illegible]

|                   |
|-------------------|
|                   |
|                   |
| 4.8 $\phi$ 44x0.1 |
| Approx.90 g       |

|           |
|-----------|
| $\phi$ 34 |
| ○         |
| 20 mm     |
| PBT RESIN |
| ○         |

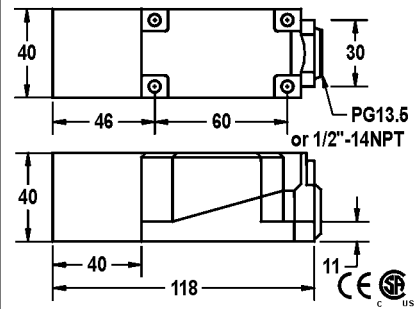


|                                                     |            |
|-----------------------------------------------------|------------|
| 6-12VDC                                             |            |
| -                                                   |            |
| >2.2mA(OFF)                                         | <1.1mA(ON) |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| 100HZ                                               |            |
| 1ms/1ms                                             |            |
| <15%(Sr)                                            |            |
| -                                                   |            |
| IP67                                                |            |
| -25 °C - +70 °C                                     |            |
| <2%(Sr)                                             |            |
| -                                                   |            |
| -                                                   |            |
| <10ms                                               |            |
| 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                                                 |            |

[illegible]

|                                   |
|-----------------------------------|
|                                   |
|                                   |
| <b>4.8<math>\phi</math>44x0.1</b> |
| <b>Approx.112 g</b>               |

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Q40                                                                                 |                                                                                     |                                                                                     |
|  |  |  |
| 15 mm                                                                               | 20 mm                                                                               | 30 mm                                                                               |
| PBT RESIN                                                                           |                                                                                     |                                                                                     |
|  |                                                                                     |                                                                                     |



|                                                     |            |
|-----------------------------------------------------|------------|
| 6-12VDC                                             |            |
| -                                                   |            |
| >2.2mA(OFF)                                         | <1.1mA(ON) |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| -                                                   |            |
| 100HZ                                               |            |
| 1ms/1ms                                             |            |
| <15%(Sr)                                            |            |
| -                                                   |            |
| IP67                                                |            |
| -25 °C - +70 °C                                     |            |
| <2%(Sr)                                             |            |
| -                                                   |            |
| -                                                   |            |
| <10ms                                               |            |
| 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                                                 |            |

[illegible]

|               |
|---------------|
|               |
|               |
| Approx. 242 g |