

## DC METAL FACE INDUCTIVE PROXIMITY SENSORS

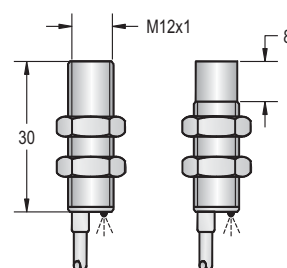
|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| M12                                                                                 |                                                                                     |
|  |  |
| 2 mm                                                                                | 4 mm                                                                                |
| Stainless steel                                                                     |                                                                                     |
|  |                                                                                     |



CE

|                   |             |
|-------------------|-------------|
| 10-30VDC/10-60VDC |             |
| <10%              |             |
| <10mA             |             |
| 200mA             |             |
| <0.01mA           |             |
| <1.5V             |             |
| 2KHZ              | 1KHZ        |
| 0.1ms/0.1ms       | 0.2ms/0.2ms |
| <15%(Sr)          |             |
| <1.0%(Sr)         |             |
| IP67              |             |
| -25°C - +70°C     |             |
| <10%(Sr)          |             |
| YES               |             |
| 220mA             |             |
| Stainless steel   |             |

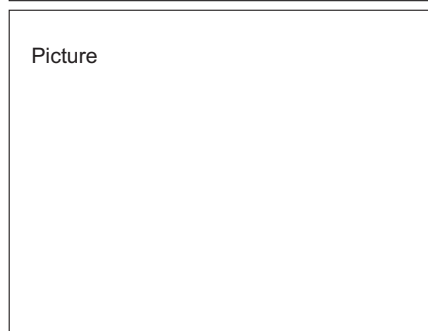
|                |   |                |
|----------------|---|----------------|
| P1C1F1202N03S2 | 1 | P1C2F1204N03S2 |
| P1C1F1202NC3S2 | 2 | P1C2F1204NC3S2 |
| P1C1F1202PO3S2 | 3 | P1C2F1204PO3S2 |
| P1C1F1202PC3S2 | 4 | P1C2F1204PC3S2 |

[illegible]

|                 |             |
|-----------------|-------------|
| 4 $\phi$ 3x0.15 |             |
| Approx.62 g     | Approx.60 g |

# DC METAL FACE INDUCTIVE PROXIMITY SENSORS

|                           |
|---------------------------|
| Diameter                  |
| ● Shielded ○ Non-shielded |
| Switching Distance Sn: mm |
| Housing Material          |
| ● With LED ○ Without LED  |



|                          |
|--------------------------|
| Operating Voltage        |
| Ripple                   |
| No Load Current          |
| Max. Load Current        |
| Leakage Current          |
| Voltage Drop             |
| Switching Frequency      |
| Response Time            |
| Switching Hysteresis     |
| Repeat Accuracy          |
| Protection Category      |
| Operating Temperature    |
| Temperature Drift        |
| Short Circuit Protection |
| Overload Trip Point      |
| 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.                     |
| 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.)  |

|                                                                   |
|-------------------------------------------------------------------|
| Dimensions (unit: mm)                                             |
| * : DC 2 wire 10-60V specifications see page 3-05. Other is same. |

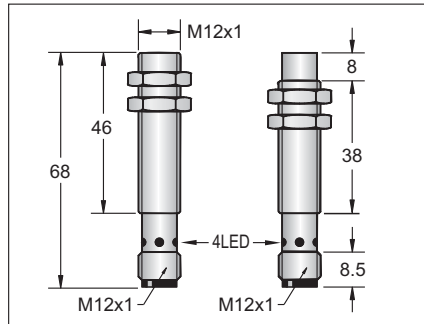
|                |
|----------------|
| Cable 2M (PVC) |
| Weight         |

|                 |
|-----------------|
| M12             |
| ● ○             |
| 2 mm 4 mm       |
| Stainless steel |
| ●               |



|                            |
|----------------------------|
| 10-30VDC/10-55VDC/10-60VDC |
| <10%                       |
| <10mA                      |
| 200mA                      |
| <0.01mA                    |
| <1.5V                      |
| 2KHZ 1KHZ                  |
| 0.1ms/0.1ms 0.2ms/0.2ms    |
| <15%(Sr)                   |
| <1.0%(Sr)                  |
| IP67                       |
| -25°C - +70°C              |
| <10%(Sr)                   |
| YES                        |
| 220mA                      |
| Stainless steel            |

|                |    |                |
|----------------|----|----------------|
| P1C1F1202NOEA4 | 31 | P1C2F1204NOEA4 |
| P1C1F1202NCEA4 | 32 | P1C2F1204NCEA4 |
| P1C1F1202POEA4 | 33 | P1C2F1204POEA4 |
| P1C1F1202PCEA4 | 34 | P1C2F1204PCEA4 |
| P4C1F1202COEA4 | 37 | P4C2F1204COEA4 |
| P4C1F1202CCEA4 | 38 | P4C2F1204CCEA4 |
| P3C1F1202NOEA4 | 31 | P3C2F1204NOEA4 |
| P3C1F1202NCEA4 | 32 | P3C2F1204NCEA4 |
| P3C1F1202POEA4 | 33 | P3C2F1204POEA4 |
| P3C1F1202PCEA4 | 34 | P3C2F1204PCEA4 |



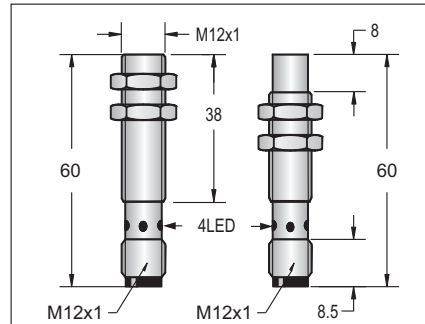
|             |             |
|-------------|-------------|
| approx.31 g | approx.30 g |
|-------------|-------------|

|                 |
|-----------------|
| M12             |
| ● ○             |
| 2 mm 4 mm       |
| Stainless steel |
| ●               |



|                         |
|-------------------------|
| 10-30VDC                |
| <10%                    |
| <10mA                   |
| 200mA                   |
| <0.01mA                 |
| <1.5V                   |
| 2KHZ 1KHZ               |
| 0.1ms/0.1ms 0.2ms/0.2ms |
| <15%(Sr)                |
| <1.0%(Sr)               |
| IP67                    |
| -25°C - +70°C           |
| <10%(Sr)                |
| YES                     |
| 220mA                   |
| Stainless steel         |

|                |    |                |
|----------------|----|----------------|
| P1C1F1202NOER4 | 31 | P1C2F1204NOER4 |
| P1C1F1202NCER4 | 32 | P1C2F1204NCER4 |
| P1C1F1202POER4 | 33 | P1C2F1204POER4 |
| P1C1F1202PCER4 | 34 | P1C2F1204PCER4 |



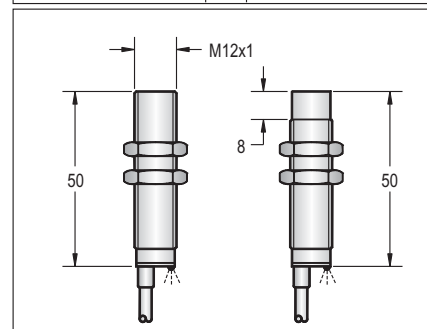
|             |             |
|-------------|-------------|
| approx.25 g | Approx.23 g |
|-------------|-------------|

## DC METAL FACE INDUCTIVE PROXIMITY SENSORS

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| M12                                                                                 |                                                                                     |
|  |  |
| 4 mm                                                                                | 8 mm                                                                                |
| Stainless steel                                                                     |                                                                                     |
|  |                                                                                     |



|                 |             |
|-----------------|-------------|
| 10-30VDC        |             |
| <10%            |             |
| <10mA           |             |
| 200mA           |             |
| <0.01mA         |             |
| <1.5V           | <2.0V       |
| 1KHZ            | 500HZ       |
| 0.2ms/0.2ms     | 0.5ms/0.5ms |
| <15%(Sr)        |             |
| <1.0%(Sr)       |             |
| IP67            |             |
| -25°C- +70°C    |             |
| <10%(Sr)        |             |
| YES             |             |
| 220mA           |             |
| Stainless steel |             |

[illegible]

|                 |             |
|-----------------|-------------|
| 4 $\phi$ 3x0.15 |             |
| approx.67 g     | approx.65 g |

## DC METAL FACE INDUCTIVE PROXIMITY SENSORS

|                                                                              |
|------------------------------------------------------------------------------|
| Diameter                                                                     |
| <input checked="" type="radio"/> Shielded <input type="radio"/> Non-shielded |
| Switching Distance Sn: mm                                                    |
| Housing Material                                                             |
| <input checked="" type="radio"/> With LED <input type="radio"/> Without LED  |

Picture

|                                                                                   |
|-----------------------------------------------------------------------------------|
| M12                                                                               |
|  |
| 4 mm                                                                              |
| Stainless steel                                                                   |
|  |



CE

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| M12                                                                                 |                                                                                     |
|  |  |
| 4 mm                                                                                | 8 mm                                                                                |
| Stainless steel                                                                     |                                                                                     |
|  |                                                                                     |



CE

|                          |
|--------------------------|
| Operating Voltage        |
| Ripple                   |
| No Load Current          |
| Max. Load Current        |
| Leakage Current          |
| Voltage Drop             |
| Switching Frequency      |
| Response Time            |
| Switching Hysteresis     |
| Repeat Accuracy          |
| Protection Category      |
| Operating Temperature    |
| Temperature Drift        |
| Short Circuit Protection |
| Overload Trip Point      |
| Material Active Face     |

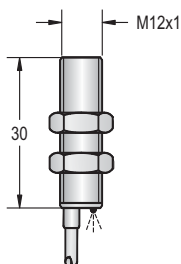
|                 |
|-----------------|
| 10-30VDC        |
| <10%            |
| <10mA           |
| 200mA           |
| <0.01mA         |
| <1.5V           |
| 1KHZ            |
| 0.2ms/0.2ms     |
| <15%(Sr)        |
| <1.0%(Sr)       |
| IP67            |
| -25°C - +70 °C  |
| <10%(Sr)        |
| YES             |
| 220mA           |
| Stainless steel |

|                 |             |
|-----------------|-------------|
| 10-30VDC        |             |
| <10%            |             |
| <10mA           |             |
| 200mA           |             |
| <0.01mA         |             |
| <1.5V           | <2.0V       |
| 1KHZ            | 500HZ       |
| 0.2ms/0.2ms     | 0.5ms/0.5ms |
| <15%(Sr)        |             |
| <1.0%(Sr)       |             |
| IP67            |             |
| -25°C- +70°C    |             |
| <10%(Sr)        |             |
| YES             |             |
| 220mA           |             |
| Stainless steel |             |

|                                               |
|-----------------------------------------------|
| 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.                     |
| 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.)  |

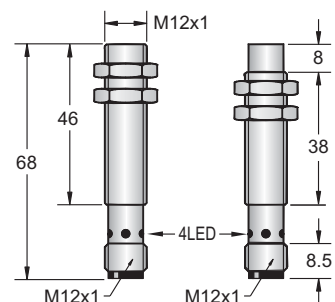
[illegible][illegible]

Dimensions (unit: mm)



|                |
|----------------|
| Cable 2M (PVC) |
| Weight         |

|                 |
|-----------------|
| 4 $\phi$ 3x0.15 |
| Approx.62 g     |



|             |             |
|-------------|-------------|
| approx.31 g | approx.30 g |
|-------------|-------------|

## DC METAL FACE INDUCTIVE PROXIMITY SENSORS

Two stainless steel gas valves are shown, each with a CE marking on its body. The valves have a threaded gas inlet on the left and a gas outlet on the right, with a control knob in the middle.

[illegible]

|             |             |
|-------------|-------------|
| approx.25 g | Approx.23 g |
|-------------|-------------|



A single metal pin, likely a safety pin, is shown. It has a silver-colored metal body with a textured, knurled section in the middle. A white label is wrapped around the middle section, featuring the text "CE" and "1000". The pin is oriented diagonally from the bottom left towards the top right.

[illegible]

|             |
|-------------|
|             |
| approx.25 g |

[illegible]

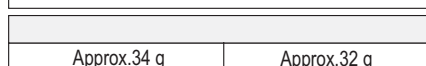
|             |             |
|-------------|-------------|
| Approx.34 g | Approx.32 g |
|-------------|-------------|



## DC METAL FACE INDUCTIVE PROXIMITY SENSORS

[illegible]

CE

[illegible][illegible]