

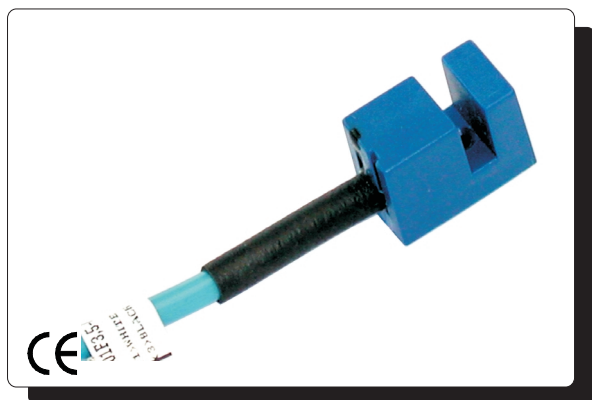
**INTERRUTTORI DI PROSSIMITA'  
INDUTTIVI A FORCELLA**

**SERIE  
*SERIES***

**A01F  
B01F  
C01F**

***INDUCTIVE PROXIMITY SWITCHES  
FORK TYPE***

# INTERRUTTORI DI PROSSIMITA' INDUTTIVI A FORCELLA INDUCTIVE PROXIMITY SWITCHES FORK TYPE



INTERRUTTORI DI PROSSIMITA' A FORCELLA  
INDUTTIVI FESSURA D'ARIA 3,5, 5, 10 mm  
USCITA CAVO

ALIMENTAZIONE IN C.C. 10 ÷ 30 Vdc oppure  
ALIMENTAZIONE IN C.A. 20 ÷ 220 Vac oppure  
NAMUR IN C.C. 3 ÷ 24 Vdc

## INDUCTIVE FORK TYPE PROXIMITY SWITCHES

AIR GAP 3, 5, 10 mm

CABLE OUTPUT

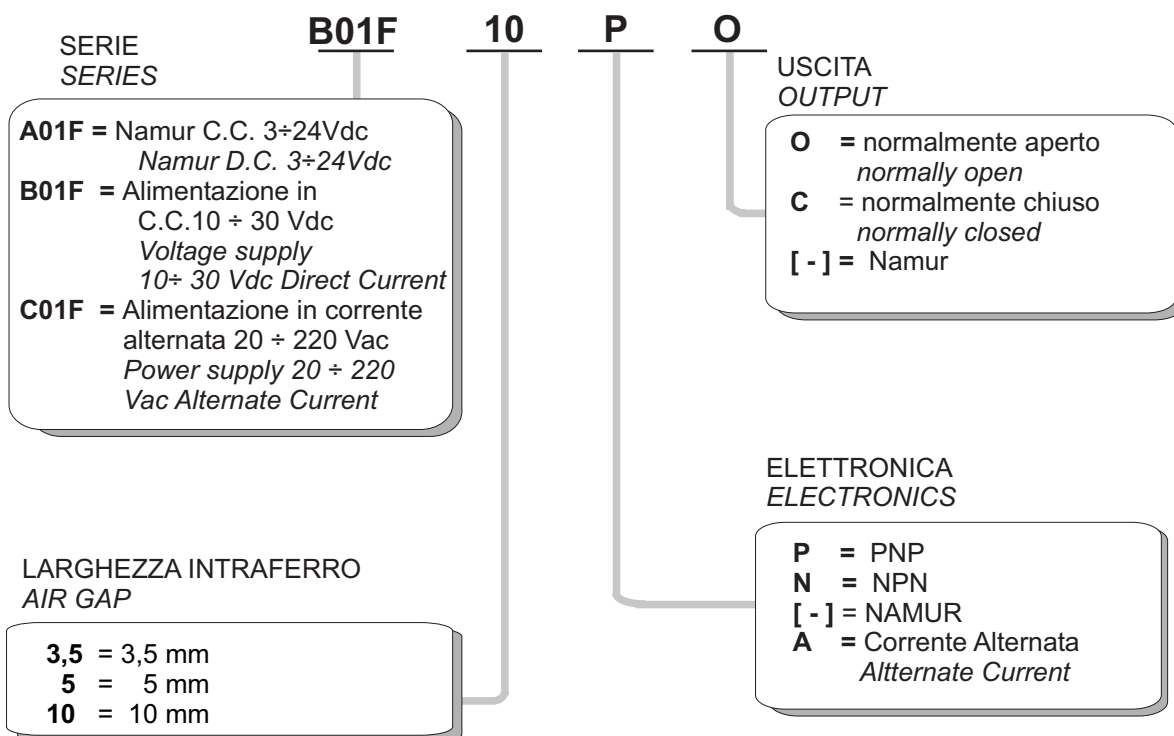
D.C. 10 ÷ 30 Vdc SUPPLY VERSION or

A.C. 20 ÷ 220 Vac SUPPLY VERSION or

NAMUR 3 ÷ 24 Vdc SUPPLY VERSION

## COME ORDINARE

## HOW TO ORDER



**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**CORRENTE CONTINUA**
**DIRECT CURRENT**

|                                    |                        |                                    |
|------------------------------------|------------------------|------------------------------------|
| ALIMENTAZIONE                      | <b>10 ÷ 30 Vcc/Vdc</b> | <i>SUPPLY VOLTAGE</i>              |
| ONDULAZIONE RESIDUA                | <b>≤ 10%</b>           | <i>RIPPLE</i>                      |
| ASSORBIMENTO                       | <b>&lt; 10 mA</b>      | <i>POWER CONSUMPTION</i>           |
| CARICO MASSIMO                     | <b>200 mA</b>          | <i>MAXIMUM LOAD</i>                |
| CADUTA DI TENSIONE                 | <b>&lt; 1,8 Vdc</b>    | <i>VOLTAGE DROP</i>                |
| PROTEZIONE C.C.                    | <b>SI / YES</b>        | <i>SHORT CIRCUIT PROTECTION</i>    |
| PROTEZIONE INVERS. POLARITA'       | <b>SI / YES</b>        | <i>REVERSE POLARITY PROTECTION</i> |
| LED DI SEGNALEZIONE                | <b>SI / YES</b>        | <i>OUTPUT STATUS LED</i>           |
| COMPATIBILITA' ELETTROMAGNETICA CE | <b>EN60947-5-2</b>     | <i>CE COMPLIANCE</i>               |
| CERTIFICAZIONE                     | <b>CE</b>              | <i>CERTIFICATION</i>               |

**CORRENTE CONTINUA NAMUR**
**DIRECT CURRENT NAMUR**

|                                    |                               |                          |
|------------------------------------|-------------------------------|--------------------------|
| ALIMENTAZIONE                      | <b>3 ÷ 24 Vcc/Vdc</b>         | <i>SUPPLY VOLTAGE</i>    |
| ONDULAZIONE RESIDUA                | <b>≤ 10%</b>                  | <i>RIPPLE</i>            |
| ASSORBIMENTO                       | <b>&lt; 1 mA / &gt; 4 mA*</b> | <i>POWER CONSUMPTION</i> |
| LED DI SEGNALEZIONE                | <b>NO</b>                     | <i>OUTPUT STATUS LED</i> |
| COMPATIBILITA' ELETTROMAGNETICA CE | <b>EN60947-5-2</b>            | <i>CE COMPLIANCE</i>     |
| CERTIFICAZIONE                     | <b>CE</b>                     | <i>CERTIFICATION</i>     |

\* <1 mA in presenza di oggetto / *with object*  
 >4 mA in assenza di oggetto / *without object*

**CORRENTE ALTERNATA**
**ALTERNATE CURRENT**

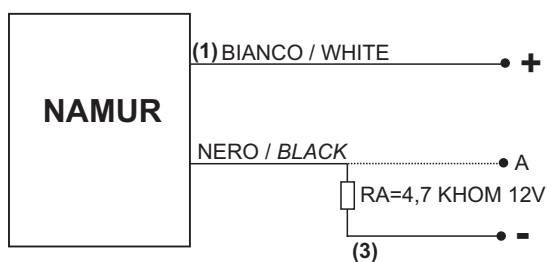
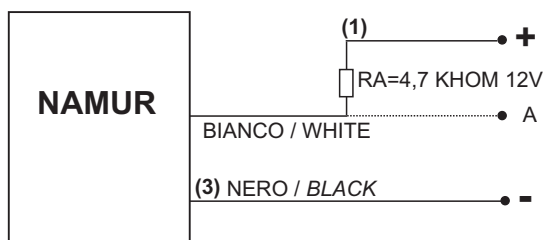
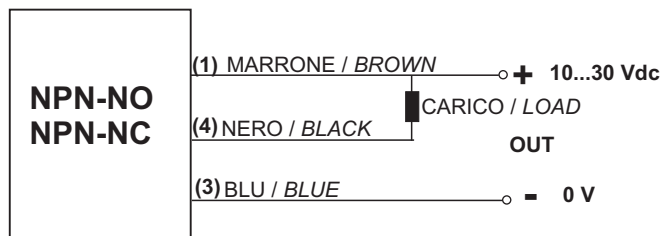
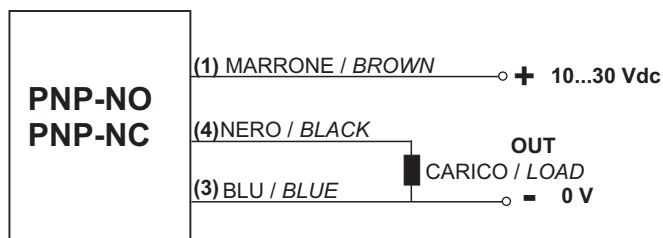
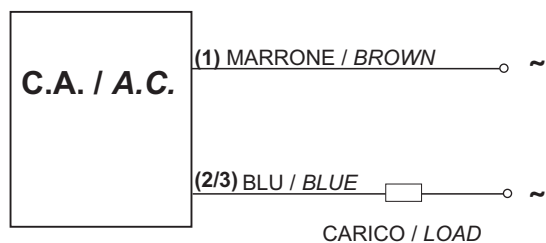
|                                    |                         |                          |
|------------------------------------|-------------------------|--------------------------|
| ALIMENTAZIONE                      | <b>20 ÷ 220 Vca/Vac</b> | <i>SUPPLY VOLTAGE</i>    |
| ASSORBIMENTO                       | <b>≤ 2,5 mA</b>         | <i>POWER CONSUMPTION</i> |
| CARICO MASSIMO                     | <b>15 ÷ 400 mA</b>      | <i>MAXIMUM LOAD</i>      |
| CADUTA DI TENSIONE                 | <b>≤ 6 Vac</b>          | <i>VOLTAGE DROP</i>      |
| LED DI SEGNALEZIONE                | <b>SI / YES</b>         | <i>OUTPUT STATUS LED</i> |
| COMPATIBILITA' ELETTROMAGNETICA CE | <b>EN60947-5-2</b>      | <i>CE COMPLIANCE</i>     |
| CERTIFICAZIONE                     | <b>CE</b>               | <i>CERTIFICATION</i>     |

**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**
**FORCELLE CON FESSURA D'ARIA 3,5-5 mm**
**FORKS WITH 3,5-5 mm AIR GAP**

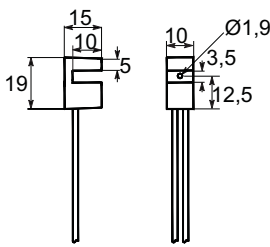
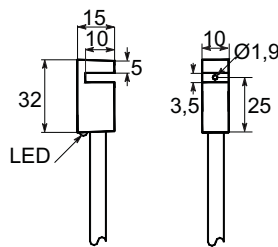
|                       | C.C.   | C.C. NAMUR   |                                 |
|-----------------------|--|--|---------------------------------|
| SCHERMATO             |  |  | <i>SHIELDED (FLUSH)</i>         |
| NON SCHERMATO         | •  | •  | <i>UNSHIELDED (NON FLUSH)</i>   |
| ISTERESI              | $\leq 10\% \text{ Sn}$                         |  | <i>HYSTERESIS</i>               |
| RIPETIBILITÀ          | $< 0,01 \text{ mm}$                            |  | <i>REPEATABILITY</i>            |
| FREQUENZA MASSIMA     | 2000 Hz  | 5000 Hz  | <i>MAX. SWITCHING FREQUENCY</i> |
| TEMPERATURA DI LAVORO | $-25^{\circ}\text{C} \div +70^{\circ}\text{C}$ |  | <i>WORKING TEMPERATURE</i>      |
| MATERIALE CORPO       | ABS  |  | <i>BODY MATERIAL</i>            |
| PROTEZIONE            | IP67   |  | <i>PROTECTION RATING</i>        |
| CAVO                  | 3x0,14 mm <sup>2</sup> (2 m)                   | 1x0,14 mm <sup>2</sup> 2 fili di 50 cm<br>2 wires 50 cm long | <i>CABLE</i>                    |

**FORCELLE CON FESSURA D'ARIA 10 mm**
**FORKS WITH 10 mm AIR GAP**

|                       | C.C.   | C.C. NAMUR | C.A.                         |                                 |
|-----------------------|--|------------|------------------------------|---------------------------------|
| SCHERMATO             |  |            |                              | <i>SHIELDED (FLUSH)</i>         |
| NON SCHERMATO         | •  | •          | •                            | <i>UNSHIELDED (NON FLUSH)</i>   |
| ISTERESI              | $\leq 10\% \text{ Sn}$                         |            |                              | <i>HYSTERESIS</i>               |
| RIPETIBILITÀ          | $< 0,02 \text{ mm}$                            |            |                              | <i>REPEATABILITY</i>            |
| FREQUENZA MASSIMA     | 1000 Hz  |            | 15 Hz                        | <i>MAX. SWITCHING FREQUENCY</i> |
| TEMPERATURA DI LAVORO | $-25^{\circ}\text{C} \div +70^{\circ}\text{C}$ |            |                              | <i>WORKING TEMPERATURE</i>      |
| MATERIALE CORPO       | ABS  |            |                              | <i>BODY MATERIAL</i>            |
| PROTEZIONE            | IP67   |            |                              | <i>PROTECTION RATING</i>        |
| CAVO                  | 3x0,35 mm <sup>2</sup> (2 m)                   |            | 2x0,35 mm <sup>2</sup> (2 m) | <i>CABLE</i>                    |

**COLLEGAMENTI**
**CONNECTIONS**

**CORRENTE ALTERNATA / ALTERNATE CURRENT**


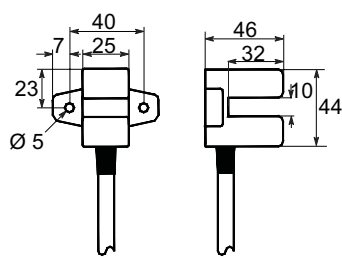
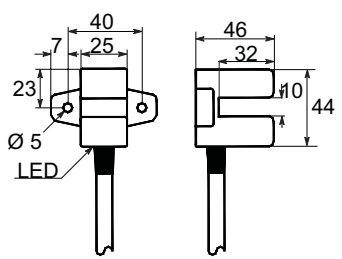
**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**FESSURA D'ARIA 3,5 mm**
**3,5 mm AIR GAP**

| A01F3,5   | B01F3,5_   |
|---|--|
|  |  |

**FESSURA D'ARIA 5 mm**
**5 mm AIR GAP**

| A01F5  | B01F5_   |
|--|--|
|  |  |

**FESSURA D'ARIA 10 mm**
**10 mm AIR GAP**

| A01F10  | B01F10_ / C01F10_  |
|---|--|
|  |  |

## SERIE A FORCELLA FORK TYPE SERIES

**FESSURA D'ARIA 3,5 mm**
**3,5 mm AIR GAP**

|                | USCITA CAVO / <i>CABLE OUTPUT</i> |
|----------------|-----------------------------------|
| <b>PNP-NO</b>  | B01F3,5PO                         |
| <b>PNP-NC</b>  | B01F3,51PC                        |
| <b>NPN-NO</b>  | B01F3,5NO                         |
| <b>NPN-NC</b>  | B01F3,5NC                         |
| <b>NAMUR</b>   | A01F3,5                           |
| <b>C.A.-NO</b> | -                                 |
| <b>C.A.-NC</b> | -                                 |

**FESSURA D'ARIA 5 mm**
**5 mm AIR GAP**

|                | USCITA CAVO / <i>CABLE OUTPUT</i> |
|----------------|-----------------------------------|
| <b>PNP-NO</b>  | B01F5PO                           |
| <b>PNP-NC</b>  | B01F51PC                          |
| <b>NPN-NO</b>  | B01F5NO                           |
| <b>NPN-NC</b>  | B01F5NC                           |
| <b>NAMUR</b>   | A01F5                             |
| <b>C.A.-NO</b> | -                                 |
| <b>C.A.-NC</b> | -                                 |

**FESSURA D'ARIA 10 mm**
**10 mm AIR GAP**

|                | USCITA CAVO / <i>CABLE OUTPUT</i> |
|----------------|-----------------------------------|
| <b>PNP-NO</b>  | B01F10PO                          |
| <b>PNP-NC</b>  | B01F101PC                         |
| <b>NPN-NO</b>  | B01F10NO                          |
| <b>NPN-NC</b>  | B01F10NC                          |
| <b>NAMUR</b>   | A01F10                            |
| <b>C.A.-NO</b> | C01F10AO                          |
| <b>C.A.-NC</b> | C01F10AC                          |