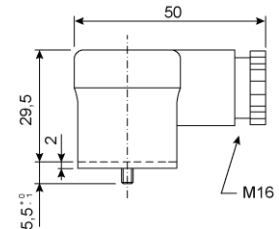
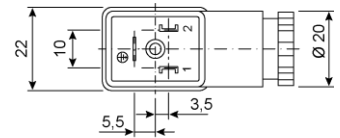


## For electrovalves, style B, 2p+G, female, field attachable Per elettrovalvole, stile B, 2p+T, femmina, da cablare

EN175301-803 style B rectangular connector,  
(former DIN 43650-B), ISO 6952,  
2 poles + ground, contact distance 10 mm;  
field attachable, screw terminals;  
profile gasket;  
application with electrovalves, etc.

connettore rettangolare EN175301-803 stile B,  
(ex DIN 43650-B), ISO 6952,  
2 poli + terra, interasse contatti 10 mm;  
da cablare, con terminali a vite;  
guarnizione a profilo;  
applicazione con elettrovalvole, ecc.



**make the description code in a few steps**  
(yellow codes are preferred)  
**forma il codice descrittivo in pochi passaggi**  
(i codici gialli sono preferiti)

| A          | B | C  | D    | (E) |
|------------|---|----|------|-----|
| VF6x xxxxx | X | XX | XXXX | XXX |

At the first order, the sales service will communicate also a 5-character short code, to make easier filing and further orders.

Al momento del primo ordine, il servizio vendite comunicherà anche un codice breve di 5 caratteri, per semplificare l'archivio e il riordino.

### General characteristics

housing material: PA66 30%GF  
contact material: nickel plated CuZn  
max wires section: 1,50 mm<sup>2</sup>  
protection degree IEC 60529: IP65  
working temperature: -40...125°C (max 70°C with electronic components)  
oil resistance: good  
M3 central screw material: zinc plated iron (for stainless steel, see table E)

### Caratteristiche generali

materiale rivestimento: PA66 30%GF  
materiale contatti: CuZn nichelato  
max sezione fili: 1,50 mm<sup>2</sup>  
grado protezione IEC 60529: IP65  
temperatura di lavoro: -40...125°C (max 70°C con componenti elettronici)  
resistenza olio: buona  
materiale vite centrale M3: ferro zincato (per acciaio inox, vedere tabella E)

| A                                          | B                                 | C                             | D                                | circuit<br>schema<br>schema<br>circuit<br>(a2) | description<br><br>descrizione                         | voltage<br><br>tensione | voltage<br><br>tensione | max<br>current<br>corrente<br>max<br>A | clamping<br>voltage<br>tensione<br>intervento<br>V | housing<br>colour<br>colore<br>rivestimento | tipo contatto<br><br>contact type        |
|--------------------------------------------|-----------------------------------|-------------------------------|----------------------------------|------------------------------------------------|--------------------------------------------------------|-------------------------|-------------------------|----------------------------------------|----------------------------------------------------|---------------------------------------------|------------------------------------------|
| main descrpt.<br>descriz. princip.<br>(a1) | cable gland<br>pressacavo<br>(a1) | gasket<br>guarnizione<br>(a1) | packaging<br>imballaggio<br>(a1) |                                                |                                                        | Vdc                     | Vac                     |                                        |                                                    |                                             |                                          |
| VF61 02A00                                 | 3                                 | 00                            | S000                             |                                                | without electronic<br>senza elettronica                | 1..250                  | 1..250                  | 10                                     | --                                                 | black<br>nero                               | spring<br>contact<br>contatto a<br>molla |
| VF62 02A00                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..250                  | 1..250                  | 10                                     | --                                                 | grey<br>grigio                              |                                          |
| VF61 04A20                                 | 3                                 | 00                            | S000                             |                                                | varistor<br>varistore                                  | 1..38                   | 1..30                   | 10                                     | 38..104                                            | black<br>nero                               |                                          |
| VF61 04A40                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..80                   | 1..60                   | 10                                     | 80..165                                            |                                             |                                          |
| VF61 04A60                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..170                  | 1..130                  | 10                                     | 170..340                                           |                                             |                                          |
| VF61 04A90                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..250                  | 1..250                  | 10                                     | 320..640                                           |                                             |                                          |
| VF61 05A00                                 | 3                                 | 00                            | S000                             |                                                | diode<br>diodo                                         | 1..250                  | --                      | 10                                     | V + 1                                              | black<br>nero                               |                                          |
| VF63 19A3R                                 | 3                                 | 00                            | S000                             |                                                | red Led<br>Led rosso<br>(a7)                           | 10..50                  | 10..50                  | 10                                     | --                                                 | transp.<br>trasp.                           |                                          |
| VF63 19A8R                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 70..250                 | 70..250                 | 10                                     | --                                                 |                                             |                                          |
| VF63 23A2R                                 | 3                                 | 00                            | S000                             |                                                | red Led + varistor<br>Led rosso +<br>varistore<br>(a7) | 1..38                   | 1..30                   | 10                                     | 38..104                                            | transp.<br>trasp.                           |                                          |
| VF63 23A4R                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..80                   | 1..60                   | 10                                     | 80..165                                            |                                             |                                          |
| VF63 23A6R                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..170                  | 1..130                  | 10                                     | 170..340                                           |                                             |                                          |
| VF63 23A9R                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 1..250                  | 1..250                  | 10                                     | 320..640                                           |                                             |                                          |
| VF63 24A3R                                 | 3                                 | 00                            | S000                             |                                                | red Led + diode<br>Led rosso + diodo<br>(a7)           | 10..50                  | --                      | 10                                     | V + 1                                              | transp.<br>trasp.                           |                                          |
| VF63 24A8R                                 | 3                                 | 00                            | S000                             |                                                |                                                        | 70..250                 | --                      | 10                                     | V + 1                                              |                                             |                                          |

(a1) yellow codes are preferred; more other circuits available on page 46-2; columns B, C, D show standard versions, see the following tables for more data and available options;

i codici gialli sono preferiti; molti altri circuiti sono disponibili a pagina 46-2; colonne B, C, D mostrano le versioni standard, vedere le tabelle seguenti per maggiori dati e alternative possibili.

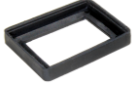
(a2) suggested wire colour, abbreviations: bn = brown, gn = green, ye = yellow, bu = blue;

colore fili consigliato, abbreviazioni: bn = marrone, gn = verde, ye = giallo, bu = blu.

(a7) the last character on the right in column A specify the Led colour: B = blue, R = red, T = yellow, W = green;

l'ultimo carattere a destra nella colonna A determina il colore del Led: B = blu, R = rosso, T = giallo, W = verde.

|                                                                   |    |         |       |        |
|-------------------------------------------------------------------|----|---------|-------|--------|
| <b>B</b><br>cable gland dimension<br><i>dimensioni pressacavo</i> |    | 2       | 3     | 4      |
| gland thread<br><i>filettatura pressacavo</i>                     |    | M16     | M16   | M16    |
| cable diameter<br><i>diametro cavo</i>                            | mm | 3,5...6 | 6...8 | 8...10 |

|                                                       |                                                                                   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>C</b><br>gasket type<br><i>tipo guarnizione</i>    | 00                                                                                |
| other characteristics<br><i>altre caratteristiche</i> | profil gasket<br>guarnizione a profilo                                            |
| photo<br><i>foto</i>                                  |  |

|                                                      |                                                                                                                                               |                                                                                                                                                    |                                                                                                                    |                                                                                     |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>D</b><br>packaging<br><i>confezionamento</i>      | N000                                                                                                                                          | S000                                                                                                                                               | A000                                                                                                               | A600                                                                                |
| ground position key<br><i>chiave posizione terra</i> | --                                                                                                                                            | --                                                                                                                                                 |                                  |  |
| packaging type<br><i>tipo confezionamento</i>        | components ready for assembling,<br>separated packaging (500 pcs)<br><i>componenti pronti da assemblare,<br/>confezioni separate (500 pz)</i> | components ready for assembling,<br>individual bag (200 x 1 pcs)<br><i>componenti pronti da assemblare,<br/>sacchetto individuale (200 x 1 pz)</i> | assembled components,<br>bulk packaging (5 x 100 pcs)<br><i>componenti assemblati,<br/>confezione (5 x 100 pz)</i> |                                                                                     |

|                                                                              |                                                 |                                                                    |
|------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
| <b>E</b><br>variant code<br><i>codice variante</i>                           | empty space or 000<br><i>spazio vuoto o 000</i> | 005                                                                |
| other characteristics on request<br><i>altre caratteristiche a richiesta</i> | no variant<br><i>nessuna variante</i>           | stainless steel central screw<br><i>vite centrale acciaio inox</i> |