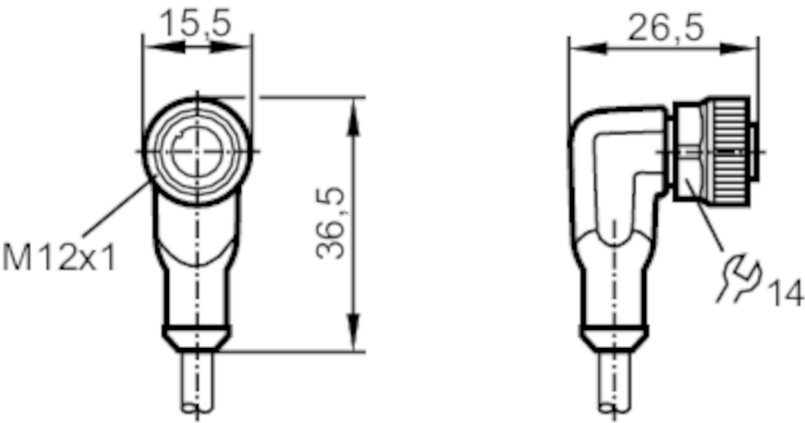


# EVC02E



## PNP/NPN inverter module

Converter PNP-NPN SIGNAL PIN 2



| Application                           |      |                             |
|---------------------------------------|------|-----------------------------|
| Compatible with paint                 |      | yes                         |
| Electrical data                       |      |                             |
| Operating voltage tolerance           | [%]  | 10                          |
| Operating voltage                     | [V]  | < 24 DC                     |
| Protection class                      |      | II                          |
| Max. current load total               | [A]  | 0.1                         |
| Outputs                               |      |                             |
| Max. voltage drop switching output DC | [V]  | 2                           |
| Operating conditions                  |      |                             |
| Ambient temperature                   | [°C] | -25...60                    |
| Ambient temperature (moving)          | [°C] | -25...60                    |
| Protection                            |      | IP 65; IP 67; IP 68; IP 69K |



## PNP/NPN inverter module

Converter PNP-NPN SIGNAL PIN 2

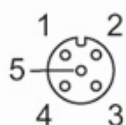
| Mechanical data        |                                  |                                                                                                |
|------------------------|----------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                              | 176.6                                                                                          |
| Dimensions             | [mm]                             | 26.5 x 15.5 x 36.5                                                                             |
| Materials              | housing: TPU black; Sealing: FKM |                                                                                                |
| Material nut           | brass                            |                                                                                                |
| Drag chain suitability | bending radius for flexible use  | min. 10 x cable diameter                                                                       |
|                        | travel speed                     | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup> |
|                        | bending cycles                   | > 5 Mio.                                                                                       |
|                        | torsional strain                 | ± 180 °/m                                                                                      |
| Drag chain suitability | yes                              |                                                                                                |

| Remarks       |                                                             |
|---------------|-------------------------------------------------------------|
| Remarks       | for sensors to IEC 60947-5-2 with normally closed operation |
| Pack quantity | 1 pcs.                                                      |

| Electrical connection                                                                     |
|-------------------------------------------------------------------------------------------|
| Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm ) |

## Electrical connection - socket

Connector: 1 x M12, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

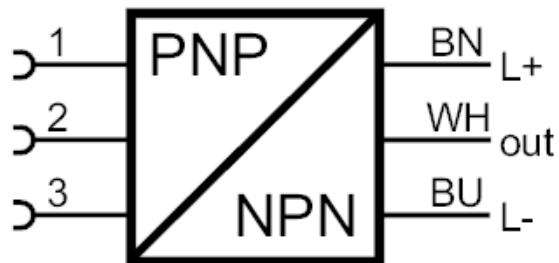




## PNP/NPN inverter module

Converter PNP-NPN SIGNAL PIN 2

### Connection



Core colours :

|      |       |
|------|-------|
| BK = | black |
| BN = | brown |
| BU = | blue  |
| WH = | white |