

## Valve connector, housing style BI, 2+PE, sensor-/actuator cable



- 1 > BN
- 2 > BU
- ⊕ > GN/YE



### Product data

Item description	VBI21-230.0-3/P01
Item-No.	8090804
Length	3m
Customs tariff-No.	85444290
Step-File	VBI21.stp
EAN	4047106258986

### Technical data

Connector	female, angled, Valve BI
Number of pins	2+PE
Pin assignment	1 BN, 2 BU, PE: GNYE
Rated voltage	230V <sub>AC/DC</sub>
Current load per pin (at 40°C)	10A
Insulation resistance	≥10 <sup>9</sup> Ω
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, silver-plated
Contact-carrier material	Plastic, PA, BK
Grip body material	Plastic, TPU, BK
Sealing (female) material	Plastic, TPU
Protection circuit	without
Fixing screw	Metal, CuZn, nickel-plated
Housing style	BI
Standards	DIN EN 175301-803
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Style	angled

<b>Cable web</b>	<b>PVC, UL, P01, GY</b>
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PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry. P01-cables meet the UL and CSA (UL1729/2464; cULus) requirements.

Outer diameter of jacket	6.10 +/- 0.2 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	3 x 0.75 mm <sup>2</sup>
Wire insulation material	PVC
Wire colors	BN, BU, GNYE
Wire structure	24 x 0,20 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	0°C...+80°C
Temperature range (fixed)	-25°C...+80°C
Rated voltage cable	≤300 V
Special features	good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant

<b>Classification</b>	
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eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060312
ETIM 5.0	EC001855
ETIM 6.0	EC001855

<b>Accessories</b>	
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Labels, Valve connector  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047109>

Fixing screw  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8060907>