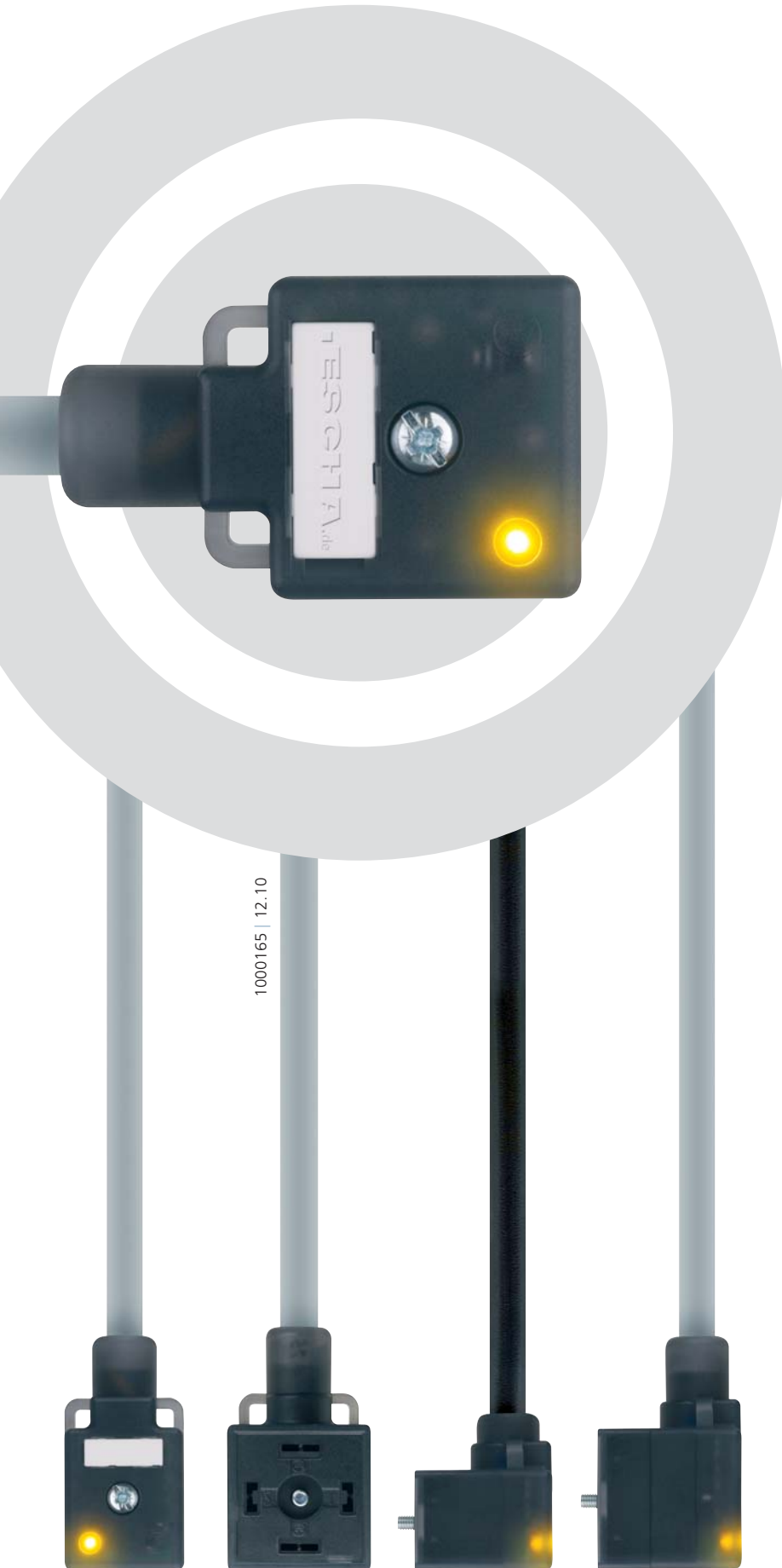


The new valve-connector generation – contemporary in design and production.

Five housing styles with minimum of installation space feature operating voltages of 24VAC/DC or 230VAC/DC as well as protective circuits and an all-around clearly visible LED.

Available in renowned high quality and at attractive prices.

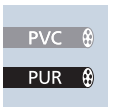
Valve connectors



Excellent LED visibility in all installation positions



Two cable qualities
PVC | PUR halogen-free



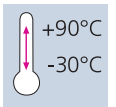
Dust-, waterproof, protected against water from high-pressure- and steam-jet cleaning (IEC 60529/A1)



UL approved materials and cable qualities

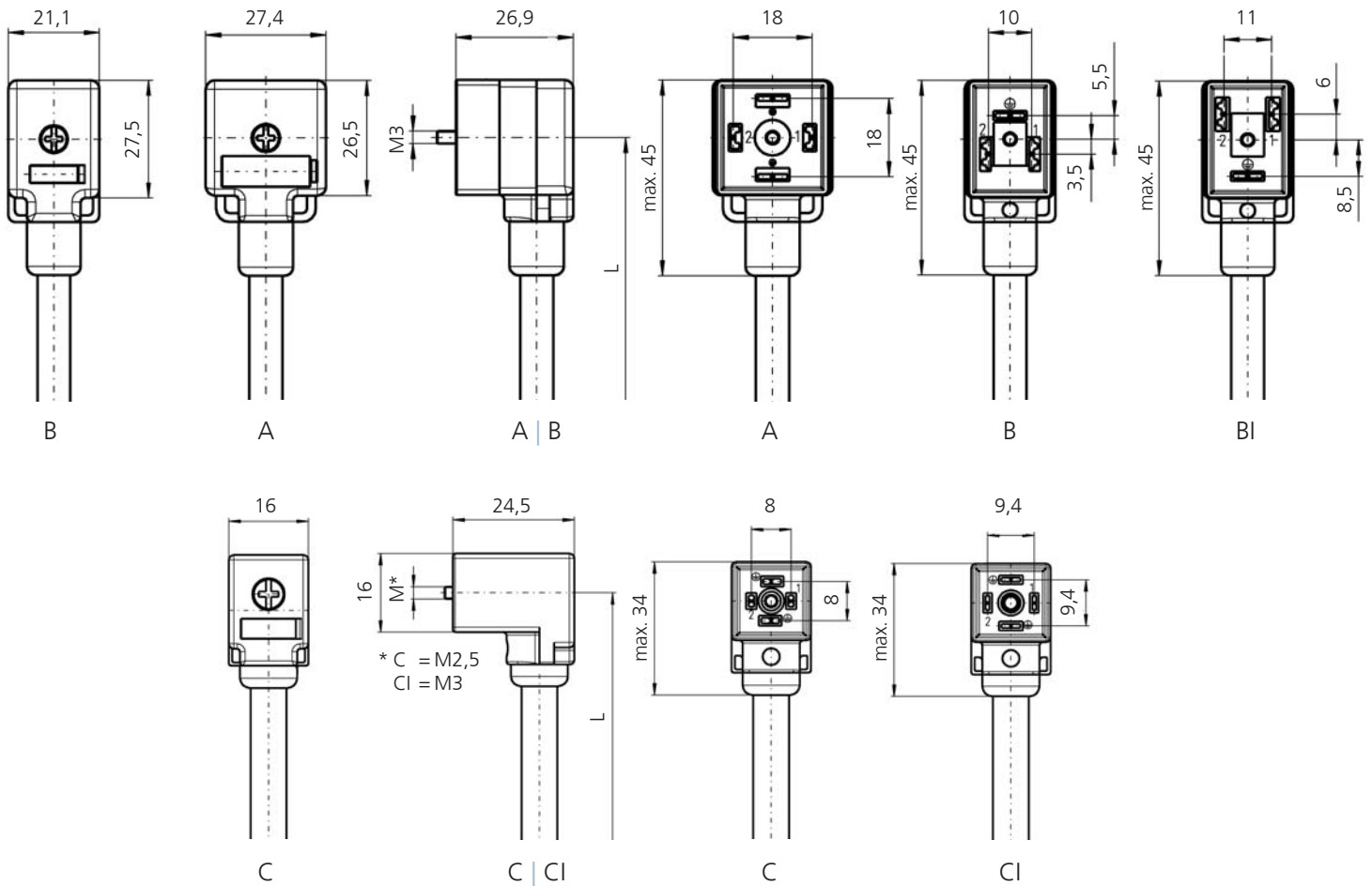


Permanent operating temperature



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Elberfelder Str. 32 | 58553 Halver
Phone + 49 2353 708 - 800
Fax + 49 2353 708 - 410
Germany

Type of construction



Nomenclature

V	A	21	-	24.	0	-	5	/	S370
									Cable quality
									Cable length [m]
									Protective circuit (0 1 2 3 4 5)
									Disposal of working voltage: 24V _{DC} 24V _{AC/DC} 230V _{AC/DC}
									21: 2 contacts+PE
									22: 2 contacts+PE jumpered
									31: 3 contacts+PE
									41: 3 contacts+PE+wire connection (pressure switch)
									Type A, B, BI, C, CI (DIN EN 175301-803)
									V: PE across from cable dispatch (0°)
									T: PE at cable dispatch (180°)

Protective circuit

	Voltage	Function	A	B/BI	C/CI
0	230V _{AC/DC}	without protection without LED	X	X	X
1	24V _{AC/DC}	without protection with LED	X	X	X
2	24V _{DC}	without protection with 2LEDs	X		
3	24V _{AC/DC}	protection transil-diode with LED	X	X	
4	24V _{AC/DC}	protection Z-diode with LED			X
5	230V _{AC/DC}	protection varistor with LED	X	X	

Cable quality PVC

Type	Voltage	Contacts	Function	Order-No.	Type-designation*
A	24V _{AC/DC}	2+PE jumpered	without protection LED	8046613	VA22-24.1-5/P00
		2+PE jumpered	with protection LED	8047821	VA22-24.3-5/P00
	24V _{DC}	3+PE wire	without protection 2LEDs	8047822	VA41-24.2-5/P00
	230V _{AC/DC}	2+PE	without protection without LED	8047823	VA21-230.0-5/P00
2+PE jumpered		with protection LED	8047824	VA22-230.5-5/P00	
B	24V _{AC/DC}	2+PE	without protection LED	8047825	VB21-24.1-5/P00
		2+PE	with protection LED	8047826	VB21-24.3-5/P00
	230V _{AC/DC}	2+PE	without protection without LED	8047827	VB21-230.0-5/P00
		2+PE	with protection LED	8047828	VB21-230.5-5/P00
BI	24V _{AC/DC}	2+PE	without protection LED	8047829	VBI21-24.1-5/P00
		2+PE	with protection LED	8047830	VBI21-24.3-5/P00
	230V _{AC/DC}	2+PE	without protection without LED	8047831	VBI21-230.0-5/P00
		2+PE	with protection LED	8047832	VBI21-230.5-5/P00
C	24V _{AC/DC}	2+PE jumpered	without protection LED	8047833	VC22-24.1-5/P00
		2+PE jumpered	with protection LED	8047834	VC22-24.4-5/P00
	230V _{AC/DC}	2+PE	without protection without LED	8047835	VC21-230.0-5/P00
CI	24V _{AC/DC}	2+PE jumpered	without protection LED	8047836	VCI22-24.1-5/P00
		2+PE jumpered	with protection LED	8047837	VCI22-24.4-5/P00
	230V _{AC/DC}	2+PE	without protection without LED	8047838	VCI21-230.0-5/P00

PVC (P00)

All PVC cable, adapted for average mechanical stresses in the area of packing machines as well as assembly- and production lines. Good resistance against acids and lye and therefore predestined for use in the food and beverage industry. Restricted abrasion and limited oil- and chemicals resistance are provided.

Cable quality PUR halogen free [®]

Type	Voltage	Contacts	Function	Order-No.	Type-designation*
A	24V _{AC/DC}	2+PE jumpered	without protection LED	8047803	VA22-24.1-5/S370
		2+PE jumpered	with protection LED	8047804	VA22-24.3-5/S370
	24V _{dc}	3+PE wire	without protection 2 LEDs	8047805	VA41-24.2-5/S370
	230V _{AC/DC}	2+PE	without protection without LED	8047806	VA21-230.0-5/S370
2+PE jumpered		with protection LED	8046704	VA22-230.5-5/S370	
B	24V _{AC/DC}	2+PE	without protection LED	8047807	VB21-24.1-5/S370
		2+PE	with protection LED	8047808	VB21-24.3-5/S370
	230V _{AC/DC}	2+PE	without protection without LED	8047809	VB21-230.0-5/S370
		2+PE	with protection LED	8047810	VB21-230.5-5/S370
BI	24V _{AC/DC}	2+PE	without protection LED	8047811	VBI21-24.1-5/S370
		2+PE	with protection LED	8047812	VBI21-24.3-5/S370
	230V _{AC/DC}	2+PE	without protection without LED	8047813	VBI21-230.0-5/S370
		2+PE	with protection LED	8047814	VBI21-230.5-5/S370
C	24V _{AC/DC}	2+PE jumpered	without protection LED	8047815	VC22-24.1-5/S370
		2+PE jumpered	with protection LED	8047816	VC22-24.4-5/S370
	230V _{AC/DC}	2+PE	without protection without LED	8047817	VC21-230.0-5/S370
CI	24V _{AC/DC}	2+PE jumpered	without protection LED	8047818	VCI22-24.1-5/S370
		2+PE jumpered	with protection LED	8047819	VCI22-24.4-5/S370
	230V _{AC/DC}	2+PE	without protection without LED	8047820	VCI21-230.0-5/S370

PUR halogen free (S370)

Flexible, PVC-, silicone- and halogen free control-cable with PUR outer jacket and polypropylene wire isolation. The cable is oil and fire resistant according to VDE0472 as well as microbes- and hydrolysis resistant. The temperature resistance ranges from -40°C to +90°C. With a max. acceleration of 5m/s² the drag-chain application is possible at a bending radius of min. 10xd and a travel speed of up to 200m/min. Because of its weld-field immunity this cable is very well adapted for the flexible use in the area of robotics, machine tool and metal-cutting production. Admissions according to UL and CSA have been permitted.

* Cable length 5m | Connectors are available with a standard cable length of 2m/5m/10m | Other cable lengths are available upon request.