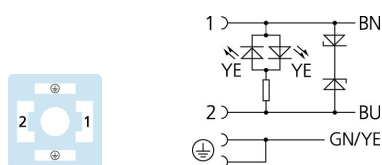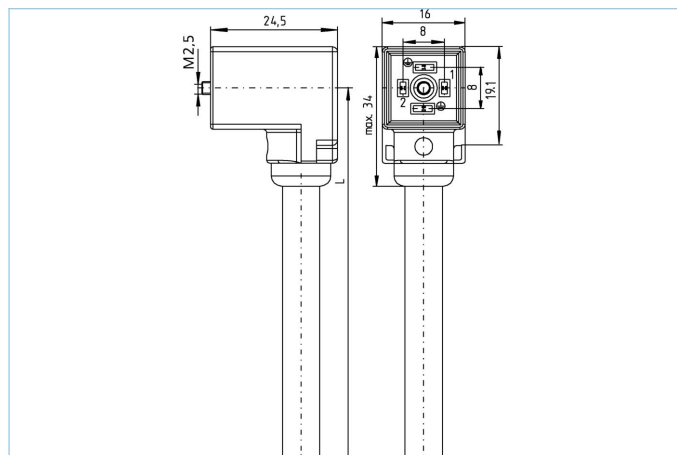# .ESCHA

Valve connector, housing style C, 2+PE bridged, z-diode, sensor-/actuator cable

Product data

Item description	VC22-24.4-5/P01
Item-No.	8047834
Length	5m
Customs tariff-No.	85444290
Step-File	VC22.stp
EAN	4047106007539

Technical data

Connector	female, angled, Valve C
Number of pins	2+PE, PE bridged
Pin assignment	1 BN, 2 BU, PE: GNYE
Rated voltage	30V$_{AC/DC}$
Current load per pin (at 40°C)	10A
Insulation resistance	≥10^{8}Ω
Ambient temperature product	-30°C...+90°C
Signal status-indicator	LED YE
Contact material	Metal, CuSn, silver-plated
Contact-carrier material	Plastic, PA, BK
Grip body material	Plastic, TPU, BK, translucent
Sealing (female) material	Plastic, TPU
Protection circuit	Z-diode
Fixing screw	Metal, CuZn, nickel-plated
Housing style	C
Standards	DIN EN 175301-803
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Style	angled

Cable	PVC, UL, P01, GY

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 mm²
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	seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant

Classification	
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

Accessories

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

Link to product

https://www.escha.net/en/products/standard/valve-connectors/8047834