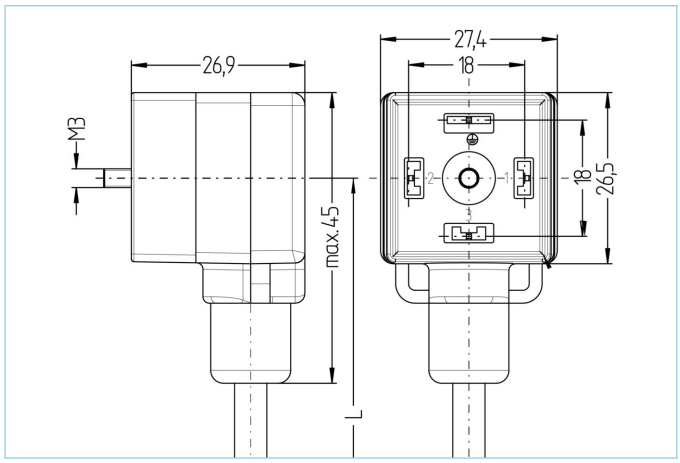
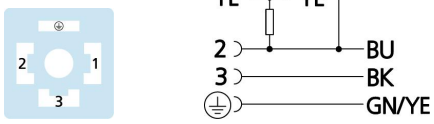
Valve connector, housing style A, 3+PE, suppressor diode, sensor-/actuator cable







Product data	
Item description	VA31-24.3-3/P00
Item-No.	8060772
Length	3m
Customs tariff-No.	85444290
Step-File	VA31-m.stp
EAN	4047106348472

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

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence.

Cable web	PVC, P00, 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.

Outer diameter of jacket	7.3 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	4 x 0.75 mm²
Wire insulation material	PVC
Wire colors	BN, BK, BU, GNYE
Wire structure	24 x 0,20 mm
Bending radius (fixed)	5xØ-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	240 V
Special features	good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater 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/8047110

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