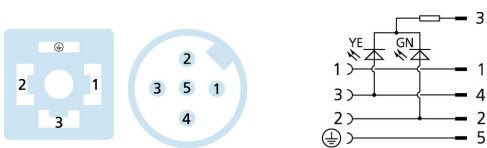
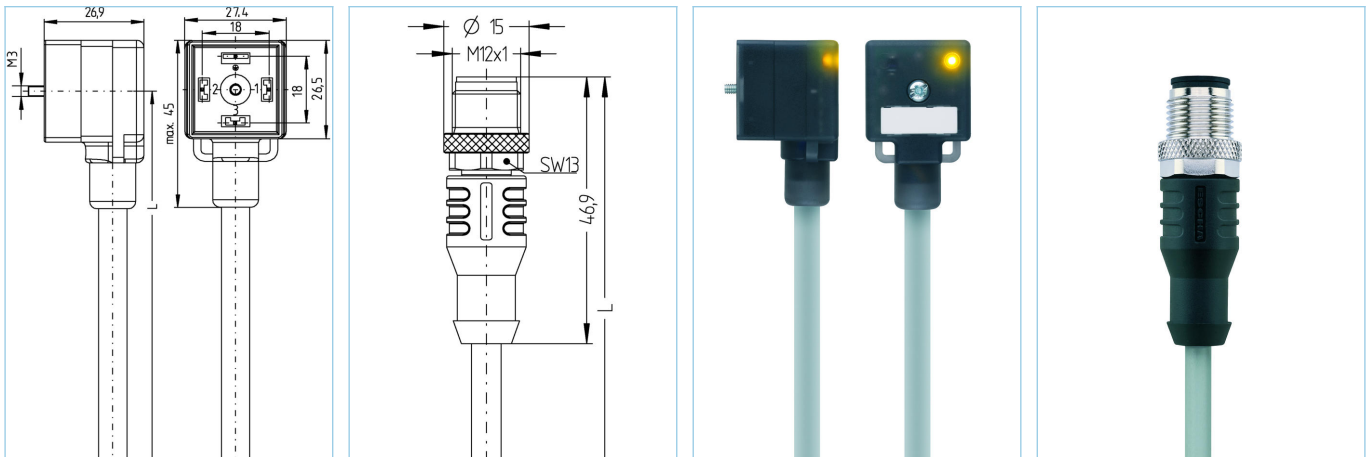


Valve connector, housing style A, 3+PE, M12, male, straight, 4+PE, wire contact, sensor-/actuator cable



Product data

Item description	VA41-24.2-2-AL-WAS5/P00
Item-No.	8052231
Length	2m
Customs tariff-No.	85444290
Step-File	VA41_24.2_AL_WAS5.stp
EAN	4047106115999
Label-carrier	2 pieces

	A-side	B-side
Connector	female, angled, Valve A	male, straight, M12
Number of pins	3+PE wire	4+PE
Pin assignment	1 BN, 2 WH, 3 BK	1 BN, 2 WH, 3 BU, 4 BK, 5 GNYE
Coding of		A
Rated voltage	30V _{AC/DC}	60V
Current load (at 40°C)	4A	4A
Insulation resistance	≥10 ⁹ Ω	≥10 ⁹ Ω
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuSn, silver-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK, translucent	Plastic, TPU, BK
Coupling nut material		Metal, CuZn, nickel-plated
Sealing (female) material	Plastic, TPU	
Signal status-indicator	LED YE/GN	
Protection circuit	without	
Fixing screw	Metal, CuZn, nickel-plated	
Housing style	A	
Standards	DIN EN 175301-803	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3

Cable	PVC, P00, GY
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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.

Outer diameter of jacket	4.90 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	4+1 x 0.34mm ²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK, GNYE
Wire structure	19 x 0.15 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	
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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

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/8052231>