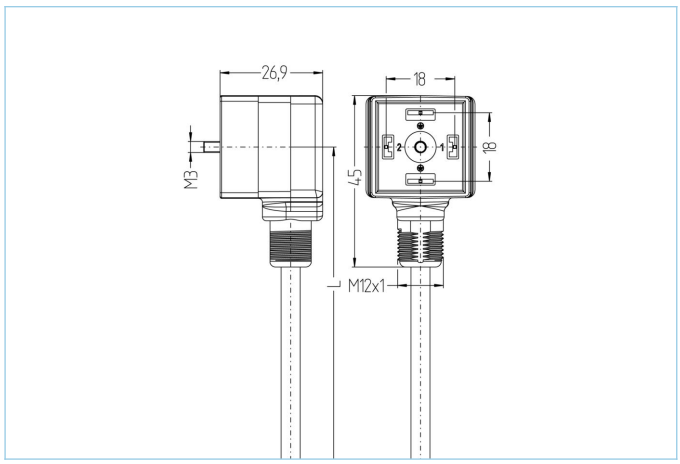
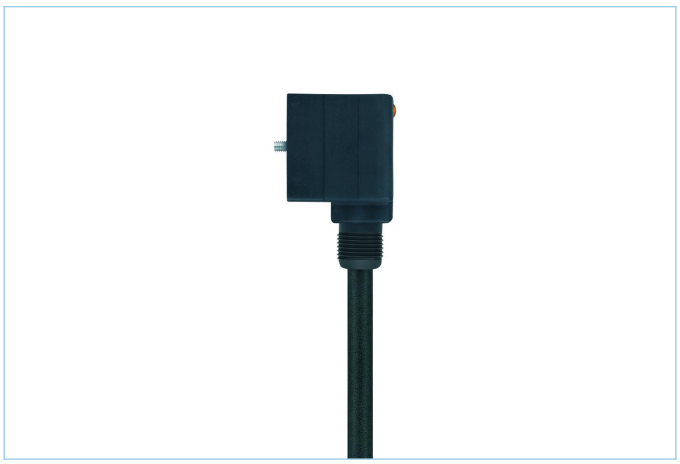
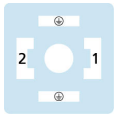
Valve connector, housing style A, angled, 2+PE bridged, grip body with thread, suppressor diode, with LED, rail approved







Product data	
Item description	RA-VAG22.1-24.3-1/S5600
Item-No.	8120453
Length	1m
Customs tariff-No.	85444290
Step-File	RA-VAG22_1-24_3-m.stp
EAN	4047106335120

Technical data	
Connector	female, angled, Valve A, with LED, grip body with thread
Number of pins	2+PE, PE bridged
Pin assignment	1 WH1, 2 WH2, PE: GNYE
Rated voltage	30$V_{AC/DC}$
Current load per pin (at 40°C)	10A
Insulation resistance	≥$10^8\Omega$
Signal status-indicator	LED YE
Contact material	Metal, CuZn, silver-plated
Contact-carrier material	Plastic, PA, BK
Grip body material	Plastic, PA, BK
Sealing (female) material	Plastic, NBR
Protection circuit	Suppressor diode
Fixing screw	Metal, CuZn, nickel-plated
Housing style	A
Standards	DIN EN 175301-803
Degree of protection (mounted)	IP65, IP67
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.

Advanced technical data rail approved	
Standards	DIN EN 50155, DIN EN 45545-2
Shock & vibration	Class 1, Category B (DIN EN 61373)
Temperature range	Tx (-40°C...+90°C)
Fire prevention according to	DIN EN 45545-2 HL1-3

Cable web	ÖLFLEX® TRAIN, 3x0,75mm², S5600

Halogen-free, highly flame-resistant cable for fixed, mechanically protected installation in railway vehicles. The cable fulfils the requirements according to EN 45545-2 (HL1 – HL3). It is characterized by a wide temperature range. ÖLFLEX® is a registered trademark of Lapp GmbH, Germany.

Outer diameter of jacket	4.7 mm
Cable-jacket material	flame retardant, halogen free polymer-compound
Jacket color	BK
Wire cross-section	3 x 0.75 mm²
Wire insulation material	Polymer compound
Wire colors	WH 1, WH 2, GNYE
Wire structure	37 x 0,16 mm
Bending radius (fixed)	4xØ-cable
Bending radius (repeated)	5xØ-cable
Temperature range (repeated)	-35°C...+105°C
Temperature range (fixed)	-45°C...+125°C
Fire prevention according to	DIN EN 45545-2 HL1-3
Halogen-free	Yes
Special features	flame retardant, halogen free, oil- and fuel resistant, acid- and alkali 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

Adapter piece, M12
https://www.escha.net/en/products/standard/accessories-for-connectivity/8081747

Protective hose
https://www.escha.net/en/products/standard/accessories-for-connectivity/8081621