



Model number

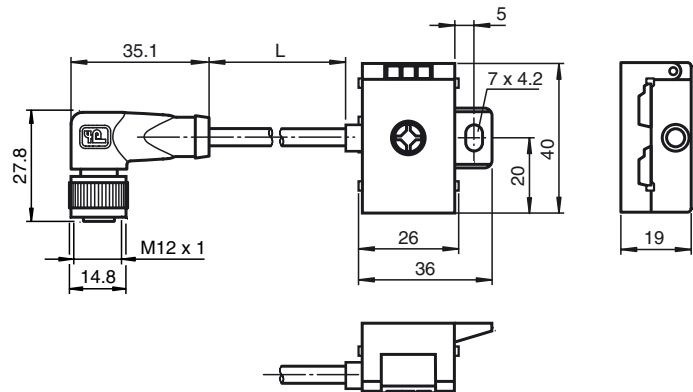
VAZ-2T1-FK-1M-PUR-V1-W

Splitter box AS-Interface and auxiliary voltage to 1 x M12 round connector

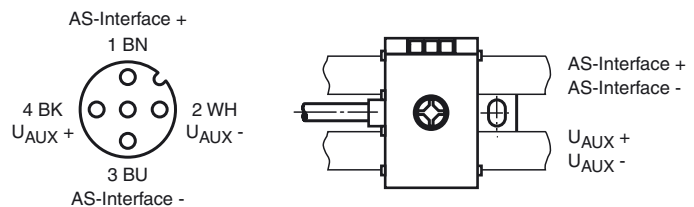
Features

- Compact design
- Fixing component with captive screw
- Simple and fast mounting
- Gold plated contacts
- Housing made of fiberglass reinforced plastic
- Oil and abrasion resistant PUR line appropriate for drag chains
- Immunity to vibration
- Reverse polarity protected and yellow marking for AS-Interface flat cable

Dimensions



Electrical connection



Technical data

General specifications

Construction type	Socket, right-angled AS-Interface/ext. flat cable, terminals Auxiliary voltage
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Electrical specifications

Rated operating voltage	$U_e \leq 35 \text{ V PELV (AS-Interface, } U_{AUX})$
Rated operating current	$I_e \leq 4 \text{ A}$
Surge protection	U_{AUX}, U_{in} : Over voltage category III, safe isolated power supplies (PELV)
Pulse withstand voltage	500 V

Electrical isolation

AUX/AS-Interface	safe isolation, Rated insulation voltage 40 V DC
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Ambient conditions

Ambient temperature	-25 ... 75 °C (-13 ... 167 °F)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)
Pollution Degree	3

Mechanical specifications

Protection degree	IP67 / IP68 / IP69k
Connection	AS-Interface flat cable: Insulation penetration technology Flat cable ext. auxiliary voltage U_{AUX} : Insulation penetration technology Plug connection: M12 x 1 socket (V1)

Material

Housing	PA 66-GF25 Ultradim
Body	black PUR
Cable	PUR

Cable

Sheath diameter	$\varnothing 4.8 \text{ mm}$
Color	grey
Cores	4 x 0.34 mm ²
Length	L 1 m
Mass	60 g
Tightening torque, fastening screws	1.65 Nm

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529