



Model number

VAZ-ZPA-ANALYZER

Diagnostic adapter for G20 ZPA motor control module

Features

- Diagnosis of the G20 ZPA conveyor line
- USB 2.0 interface
- Allows firmware update of the G20 ZPA motor control modules
- Power supplied via USB
- Function indicator for power supply

Function

The VAZ-ZPA-ANALYZER uses a USB 2.0 port to connect one or several interconnected VAZ-2E2A-G20-ZPA1 ZPA motor control modules to a PC. The ZPA motor control module is connected via zone coupling X1 or X2. An adapter cable is required to connect the device to X2 (see accessories).

With the "ZPA Control" software from Pepperl+Fuchs, users can view the current configuration of the G20 ZPA motor control modules and display diagnostic information. The firmware on the G20 ZPA motor control modules can also be updated using the software.

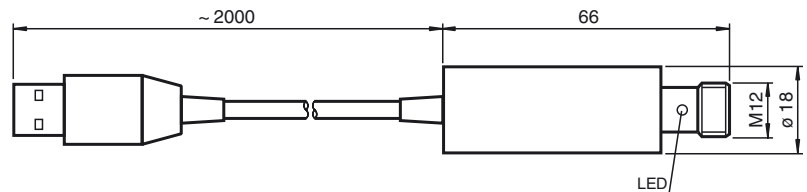
The VAZ-ZPA-ANALYZER is powered via USB. A green PWR LED is used to indicate when the supply voltage is present.

Accessories

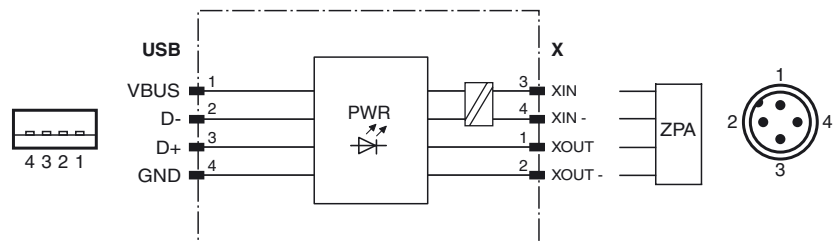
V1-G-BK0,75M-PUR-U-V1-G-Y28572

Adapter cable, M12 socket to M12 socket, 4-pin, PUR cable

Dimensions



Electrical connection



Technical data

Indicators/operating means

LED PWR	Supply voltage U_e ; green LED
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Electrical specifications

Rated operating voltage	U_e	5 VDC (via USB)
Rated operating current	I_e	≤ 90 mA

Input

Input voltage	≤ 30 V DC
Number/Type	1 Input: PNP, galvanically isolated, potential-free (XIN)
Input current	≤ 8 mA (limited internally)

Output

Number/Type	1 Electronic output, PNP, overload and short-circuit proof (XOUT)
Supply	from U_{in}
Current	10 mA

Directive conformity

Electromagnetic compatibility	
Directive 2014/30/EU	EN 61326-1:2013

Standard conformity

Degree of protection	EN 60529:2000
Emitted interference	EN 61000-6-4:2007+A1:2011
Noise immunity	EN 61326-1:2013 (industrial locations)

Ambient conditions

Ambient temperature	-25 ... 60 °C (-13 ... 140 °F)
Storage temperature	-25 ... 80 °C (-13 ... 176 °F)
Relative humidity	85 % non-condensing
Climatic conditions	For indoor use only
Altitude	≤ 2000 m above MSL
Pollution degree	2



Mechanical specifications

Degree of protection	IP65 according to EN 60529
Connection	USB: USB 2.0 Type A connector X: M12 round plug connector in accordance with EN 61076-1-101, 4-pin, connector contacts, screw lock, A-coded Female connector: M12, 4-pin, bushing contacts, screw lock, A-coded
Mass	110 g
Cable length	2 m