



**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.

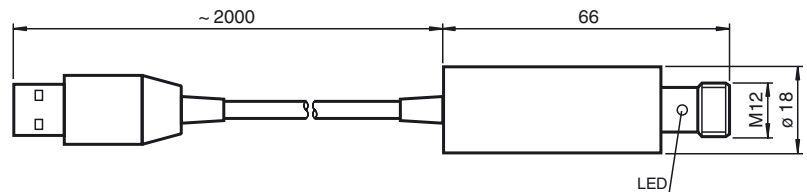
The VAZ-ZPA-ANALYZER is powered via USB. A green PWR LED is used to indicate when the supply voltage is present.

**Accessories**

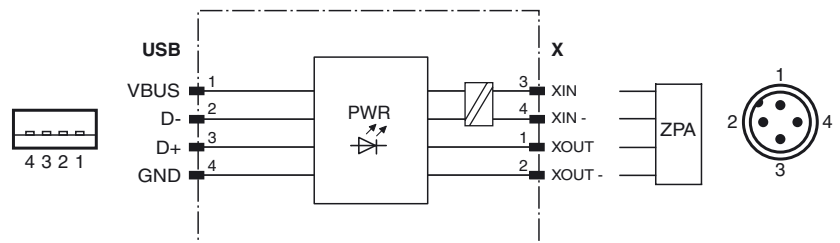
**V1-G-BK0,75M-PUR-U-V1-G-Y28572**

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

**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

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**Mechanical specifications**

Degree of protection	IP65 according to EN 60529
Connection	<b>USB:</b> USB 2.0 Type A connector <b>X:</b> 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

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