



AS-Interface splitter box

VAZ-2T8-G11-F

- Less space required
- Field housing with degree of protection IP67
- Simple and fast mounting
- Distribution to 8 V1 connectors (M12)

Splitter box, flat cable, AS interface and auxiliary voltage to eight M12 connectors



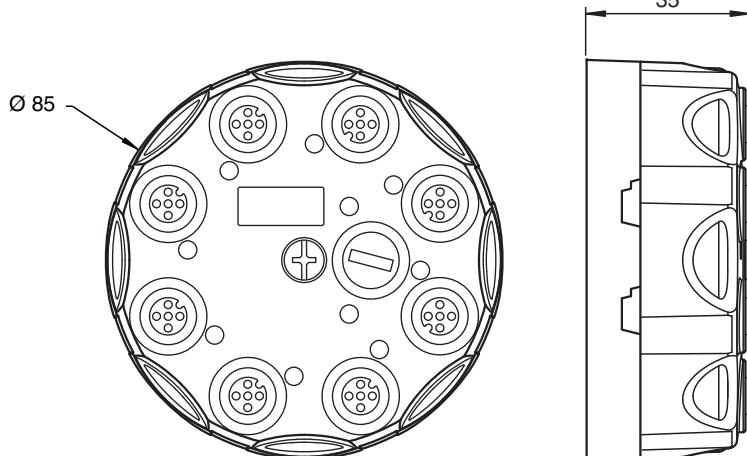
ECOLAB



Function

The VAZ-2T8-G11-* splitter box is used to distribute the AS-Interface connection and the external auxiliary power to eight M12 x 1 quick disconnects. Due to its passivity the distributor does not require an own address on the AS-Interface-net. It is ideal for applications in the field owing to the protection class IP67. LEDs indicate correct polarity of the AS-Interface cable or the external auxiliary power.

Dimensions



Technical Data

Indicators/operating means

LED AS-i

AS-Interface voltage; dual LED green/red
green: voltage OK
red: reversed voltage

LED AUX

ext. auxiliary voltage U_{AUX} ; dual LED green/red
green: voltage OK
red: reverse voltage

Technical Data

Electrical specifications

Rated operating voltage	U_e	≤ 32 V PELV (AS-Interface , ext. auxiliary voltage AUX)
Rated operating current	I_e	≤ 4 A
Protection class		III
Surge protection		overvoltage category III
Pulse withstand voltage		800 V

Directive conformity

Electromagnetic compatibility	
Directive 2014/30/EU	EN 62026-2:2013

Standard conformity

Degree of protection	EN 60529:2000
AS-Interface	EN 62026-2:2013

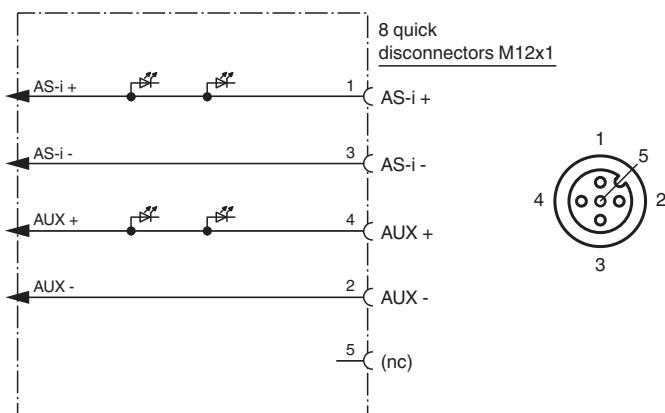
Ambient conditions

Ambient temperature	$-25 \dots 70$ °C (-13 ... 158 °F)
Storage temperature	$-25 \dots 85$ °C (-13 ... 185 °F)
Relative humidity	85 % , noncondensing
Climatic conditions	For indoor use only
Altitude	≤ 2000 m above MSL
Pollution degree	3

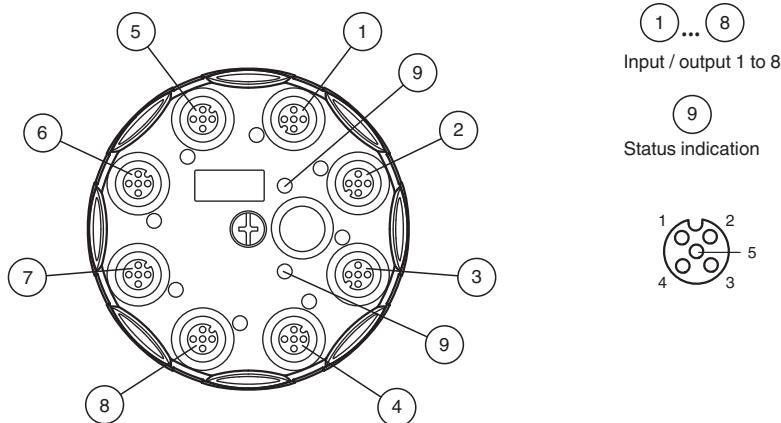
Mechanical specifications

Degree of protection	IP67 according to EN 60529
Connection	Flat cable AS-Interface: cable piercing method Flat cable ext. auxiliary voltage U_{AUX} : Insulation penetration technology Plug connection: M12 x 1 socket (V1)
Material	
Contacts	CuSn / Au
Housing	PBT PC
Mounting screw	Stainless steel 1.4305 / AISI 303
Mass	120 g
Tightening torque, housing screws	1.8 Nm
Tightening torque, cable gland	0.4 Nm
Mounting	Mounting plate

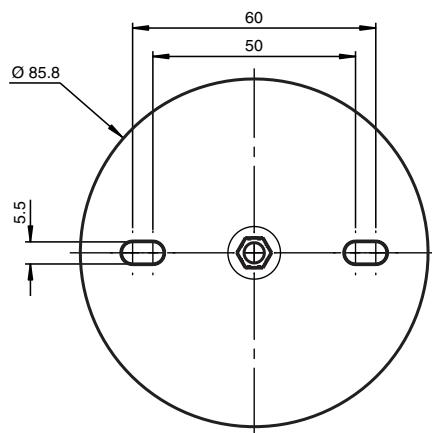
Connection



Assembly



Mounting



Screw the device onto a level mounting surface using two M5 attachment screws. The attachment screws are not included. Screw a blind plug onto spare connections to ensure the protection category.