

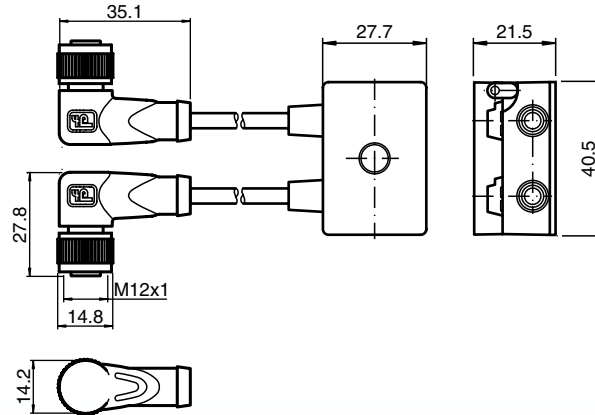
TECHNICAL DATA AND PRODUCT SELECTION

ELECTRICAL DATA

Sensors supplied from AS-i	Max. 80 mA in total
Sensors supplied from AUX	Up to 1 A in total
Output current per module	Up to 1 A
(sensor supply incl.)	
Displays an overload (sensor and output)	Red LED flashes
Displays communication error	Red LED lights up
AS-Interface/AUX connection	Via flat cable
AS-Interface POWER24	Compatible
AS-Interface specification	Spec. 3.0

MECHANICAL DATA

Degree of protection	IP68/IP69k
Housing materials	PBT/stainless steel
Shock load	10 g
Temperature range	-25 °C ... +75 °C



MODEL NUMBER	DESCRIPTION
VBA-2E-G10-ZAJ-1M-V1-W	Two inputs, connection via one M12 pigtail
VBA-2E-G10-ZEJ-1M-2V1-W	Two inputs, connection via two M12 pigtails
VBA-2E1A-G10-ZAL/E2L-1M-2V1-W	Two inputs and one output, connection via two M12 pigtails

Custom lengths and pin assignments available on request.

For more information about our AS-Interface G10 ultra-compact modules, visit:

www.pepperl-fuchs.com/g10

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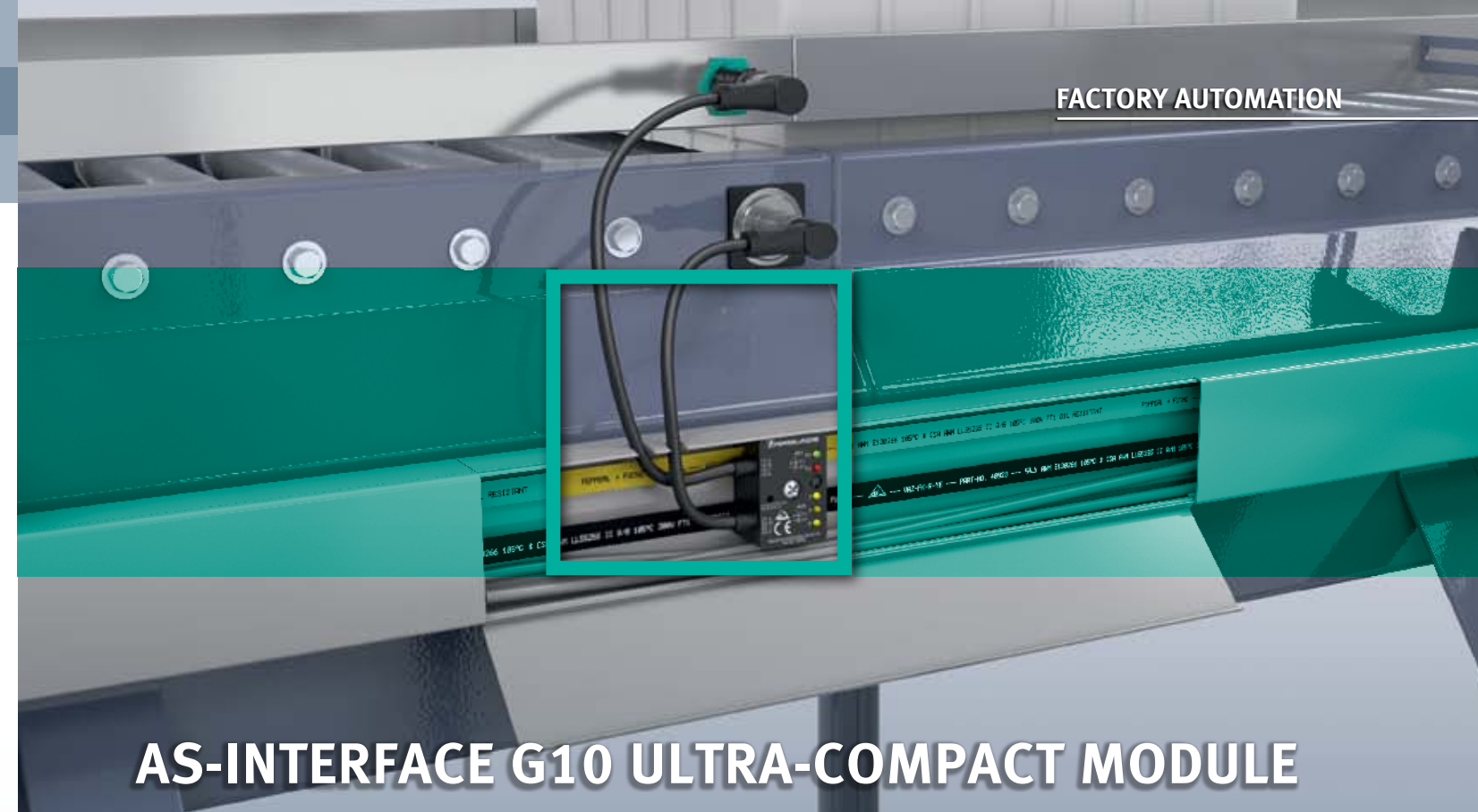
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AS-INTERFACE G10 ULTRA-COMPACT MODULE CONNECT & DONE SIMPLIFYING DECENTRALIZED INSTALLATIONS



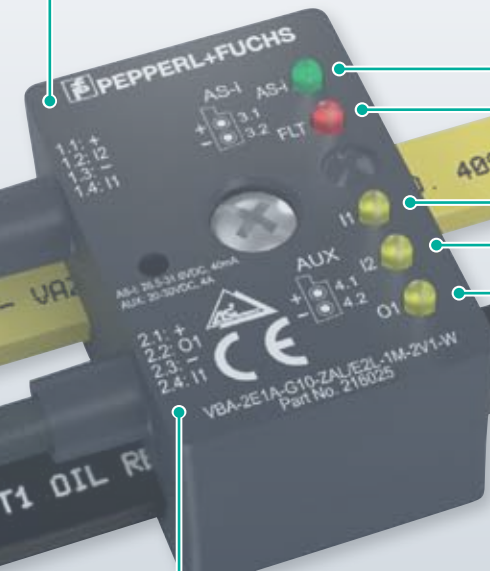
VERY EASY TO TRANSFORM EVERY SENSOR INTO AN AS-INTERFACE SENSOR

Developed for low-density I/O requirements, the G10 from Pepperl+Fuchs is the smallest, full-featured AS-Interface module on the market. It's smaller than a match book, less than one inch thick, and fits into the smallest spaces, including cable trays. The AS-Interface cable simply clips to the module and the housing is securely closed with just a single screw. It has a superior IP rating and comes with one-meter long pigtails so that additional cordsets are eliminated.



Ultra-compact housing

Status diagnostics are simplified with the help of error/overload, input and output state indicator LEDs

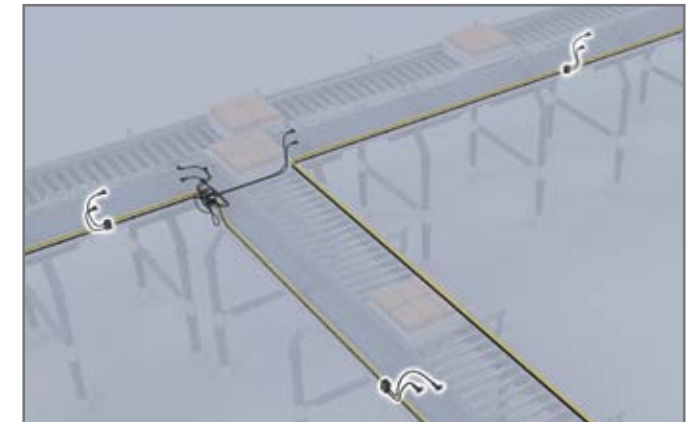


IP68/IP69K

One meter pigtails make additional cordsets a thing of the past

BENEFITS

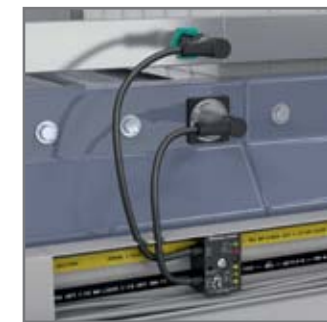
- Cost effectively converts any sensor into an AS-Interface sensor
- Can be placed in the cable duct with no additional mounting requirements
- Unique seal contours around the gold-plated contact pins help to ensure IP68/69K protection
- Smooth, one-piece housing design made from PBT provides a long service life
- Two M4 mounting holes enable machine mounting and easy mounting to a 40 mm Bosch strut



DECENTRALIZED INSTALLATION

With decentralized installation, the modules can be placed exactly where you need them, anywhere along the cable tray. The integrated pigtails eliminate the need for additional cordsets and reduce the number of M12 connections.

Connect & Done!



FITS ANYWHERE IN THE CABLE DUCT WITH EASY SENSOR CONNECTION

Just 40 mm high, 27 mm wide, and less than one inch thick, you simply place the G10 in the cable tray. The M12 pin assignments make the module suitable for any 2-, 3-, and 4-wire PNP sensor.

Connect & Done!



ONE-PIECE HOUSING

The one-piece housing mounts in seconds: insert the flat cable, close the top, and tighten the screw. Because the enclosure is so compact, additional mounting requirements are usually unnecessary.

Connect & Done!



RELIABLE PROTECTION

The housing reduces the incident water pressure such that the seal contours can provide perfect sealing. The center screw tightly seals the housing shut guaranteeing high and uniform contact pressure against the flat cable.

Connect & Done!

M12 connection for 2-, 3-, and 4-wire PNP sensors and dry contact inputs