

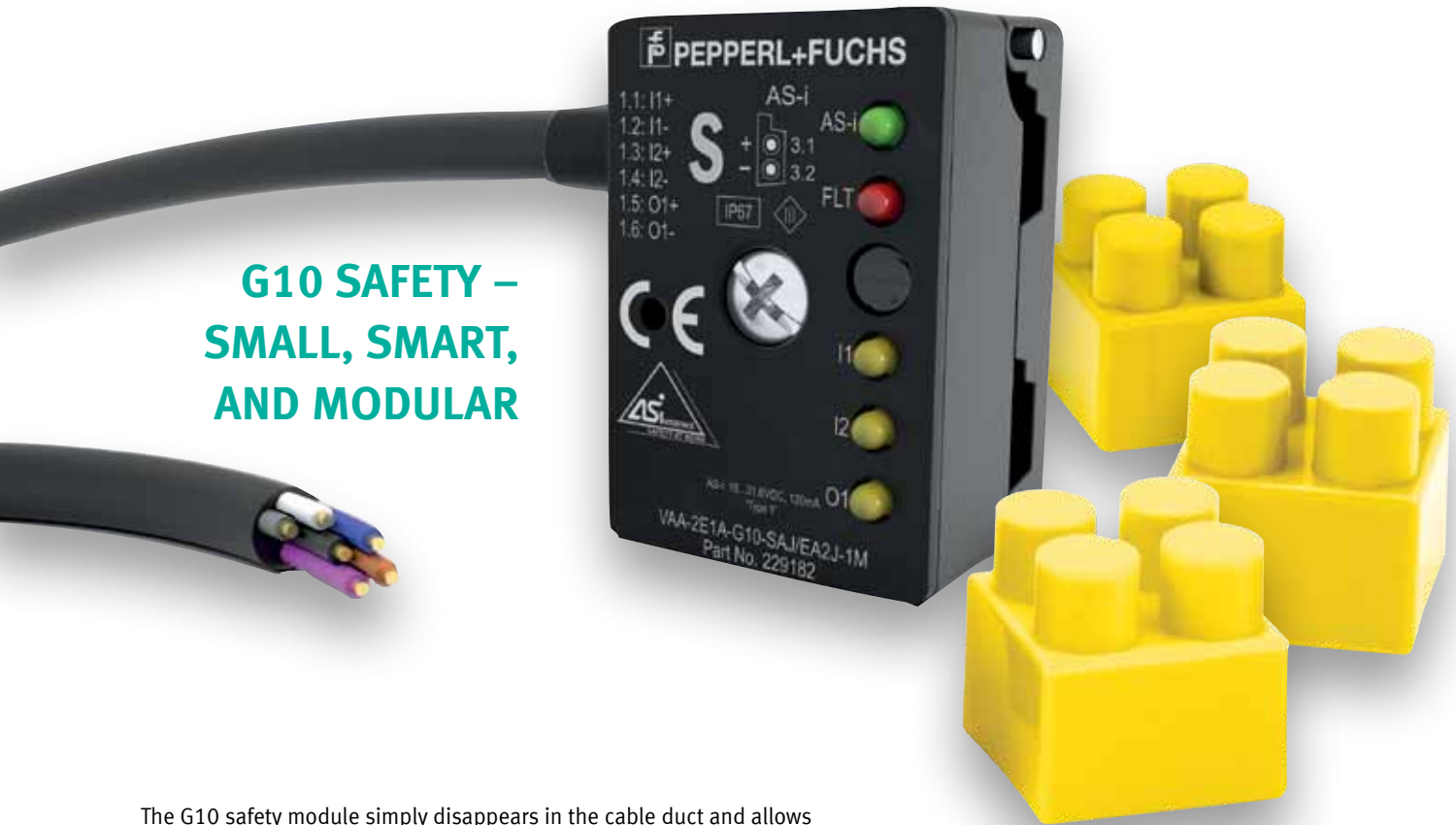
**LESS IS BETTER**

**G10 SAFETY – SMALL, SMART, AND MODULAR**



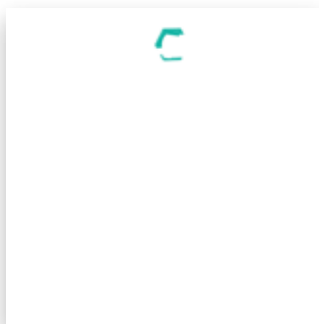
Pepperl+Fuchs presents the world's smallest AS-Interface safety module – the ultra-compact G10 module with IP67 protection.

**G10 SAFETY –  
SMALL, SMART,  
AND MODULAR**



The G10 safety module simply disappears in the cable duct and allows direct connection of safety devices up to Performance Level e (Ple). Magnet, position, key or cable operated switches are fully integrated into the AS-Interface safety system. It's the same with emergency stop switches, door locks and even light curtains with relay output. Simply insert the flat cable into the G10 safety module, close down, tighten the screw. Done! Fast, easy, modular and without complicated parallel wiring.

## HIGHLIGHTS



### VERSATILE

Fits easily into the cable duct, the flat cable remains in the cable tray at all times.



### ULTRA-COMPACT

The world's smallest AS-Interface safety module with IP67 protection.



### EASY

Easy mounting: Insert flat cable, close the module and secure mounting screw. Done!



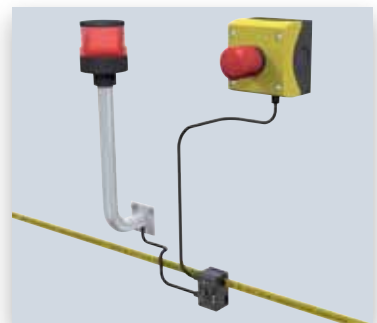
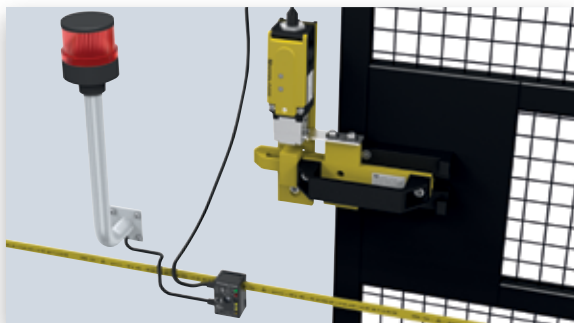
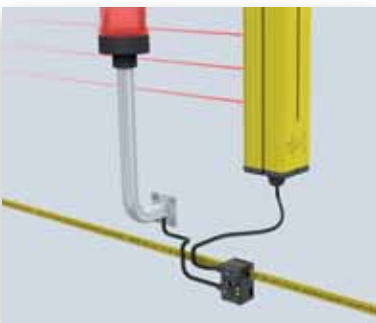
### DIRECT

Direct connection to any conventional safety device eliminates cordsets and associated costs.



**PRODUCT RANGE**

MODEL NUMBER	DESCRIPTION
VAA-2E1A-G10-SAJ/EA2J-1M	Safe inputs for up to 2 normally closed contacts, output for internal display i.e., a round cable outlet with 6 wires
VAA-2E1A-G10-SAJ/EA2J-2X1M	Safe inputs for up to 2 normally closed contacts, output for internal display i.e., a round cable outlet with 4 wires



**MODULAR**

Transforms any conventional safety device into an AS-Interface solution – Many integrated AS-Interface safety devices will be superfluous. The modular concept "G10 safety plus safety devices" reduces type diversity and inventory.

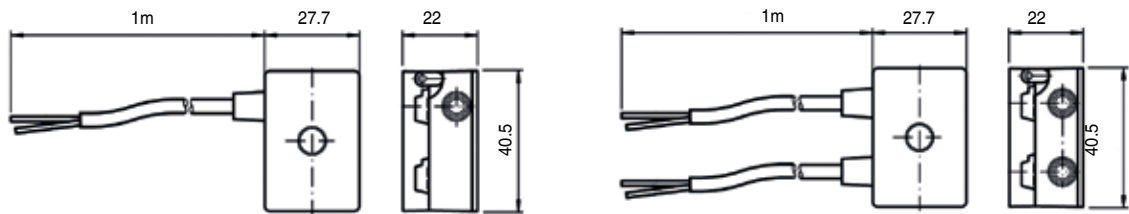
# TECHNICAL DATA



TECHNICAL DATA	
Inputs	For up to 2 normally closed contacts
Electrical output	Max. 50 mA (i.e. for LED-displays)
Connection	Only via AS-Interface/no AUX connection
Materials used	PBT/PC, stainless steel
Temperature range	-25 to +60 °C

**SIL3**  
IEC62061

**PLe**  
EN ISO 13849-1



For more information visit:  
[www.pepperl-fuchs.us/g10-safety1](http://www.pepperl-fuchs.us/g10-safety1)

## AS-INTERFACE SAFETY CONTROLLER—A PERFECT COMPLEMENT TO THE G10 SAFETY MODULE

The AS-Interface safety controller and the G10 safety module are a perfect pair. By combining the power of this compact safety controller with the simplicity of the G10 safety module, it's possible to address just about any stand-alone safety application. Connect your safety devices to the G10 safety module, and let the Pepperl+Fuchs safety controller process the safety data, control conventional and safe outputs, and even handle annunciation. Now that the G10 module family includes conventional and safety offerings, everything is possible.

MODEL NUMBER	DESCRIPTION
VAS-2A8L-KE4-8SE	Safety controller



### Contact

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SENSING YOUR NEEDS