LESS IS BETTER

G10 SAFETY – SMALL, SMART, AND MODULAR
Pepperl+Fuchs presents the worldwide smallest AS-Interface safety module – the ultra-compact G10 module with IP67 protection.

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**
Worldwide 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
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.

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAA-2E1A-G10-SA/J/E2J-1M</td>
<td>Safe inputs for up to 2 NC contacts, output for internal display f.e.,</td>
</tr>
<tr>
<td></td>
<td>a round cable outlet with 6 wires</td>
</tr>
<tr>
<td>VAA-2E1A-G10-SA/J/E2J-2X1M</td>
<td>Safe inputs for up to 2 NC contacts, output for internal display f.e.,</td>
</tr>
<tr>
<td></td>
<td>a round cable outlet with 4 wires</td>
</tr>
</tbody>
</table>
**The AS-Interface safety monitor can be perfectly combined with the G10 safety module as small safety control system.**

### Technical Data

<table>
<thead>
<tr>
<th>Input Type</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>For up to 2 normally closed contacts</td>
<td></td>
</tr>
<tr>
<td>Electrical Output</td>
<td>Max. 50 mA (e.g. for LED-displays)</td>
</tr>
<tr>
<td>Connection</td>
<td>Only via AS-Interface/no AUX connection</td>
</tr>
<tr>
<td>Materials used</td>
<td>PBT/PC, stainless steel</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-25 ... +60 °C</td>
</tr>
</tbody>
</table>

For more information visit: [www.pepperl-fuchs.com/G10-Safety](http://www.pepperl-fuchs.com/G10-Safety)

**AS-INTERFACE SAFETY MONITOR - A PERFECT COMPLEMENT TO THE G10 SAFETY MODULE**

The AS-Interface safety monitor can be perfectly combined with the G10 safety module as small safety control system.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAS-2A8L-KE4-8SE</td>
<td>Safety monitor</td>
</tr>
</tbody>
</table>

---

**Contact**

Pepperl+Fuchs GmbH
Lilienthalstraße 200
68307 Mannheim · Germany
Tel. +49 621 776-4411 · Fax +49 621 776-27-4411
E-mail: fa-info@pepperl-fuchs.com

---

**Worldwide Headquarters**

Pepperl+Fuchs GmbH · Mannheim · Germany
E-mail: fa-info@pepperl-fuchs.com

**USA Headquarters**

Pepperl+Fuchs Inc. · Twinsburg, OH · USA
E-mail: fa-info@us.pepperl-fuchs.com

**Asia Pacific Headquarters**

Pepperl+Fuchs Pte Ltd · Singapore
Company Registration No. 199003130E
E-mail: fa-info@sg.pepperl-fuchs.com