Protecting People, Protecting Productivity
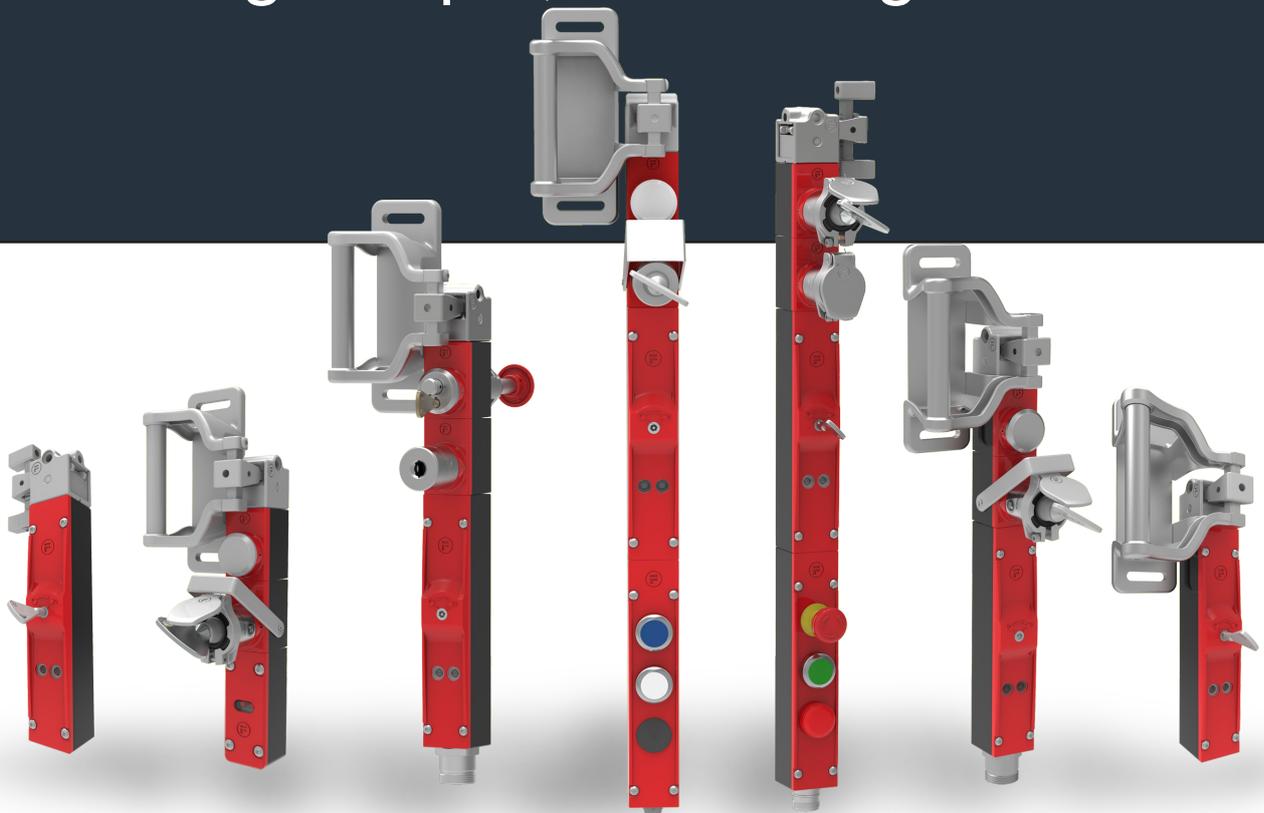
amGard pro

NEW Slimline Switches for the
amGard*pro* Range

S6 - Slimline Head

GF - Blank Module

HS - Hinged Handle for use with S6 Head

EKA - Extracted Key Adaptor

- Robust IP67 design.

- Slim 40mm metal body.

- Power to lock / Power to unlock versions.

- Wide range of adaptors.

- Configurable.

- Suitable for hinged and sliding doors.

- Release keys, control functions, emergency release options.

- Quick disconnect wiring available.

- Standards compliant: EN14119, EN13849.

ZL - Slimline Solenoid Lok Body

W1 - Slimline Option Pod Body

The **amGard*pro*** range of safety interlock switches now has two additional slimline modules.

- a slimline solenoid switch body
- a slimline option pod body.

These additions allow an even wider range of safety interlock switches to be configured to suit many industrial applications.

The range is supplied in enclosures sealed to IP67 but with a 40mm wide body and has a retention force of 10,000N, making it ideal for ensuring guard doors are held closed until machines and/or processes are in a safe condition. The slimline nature of the modules mean that it can be easily fitted to 50mm guarding sections or where space is limited.

Actuators

SA	SI	SN	SS
Short Tongue Actuator	Slidebar with Internal Handle and Short Tongue Actuator	Slidebar with Short Tongue Actuator	Slidebar with Spring and Short Tongue Actuator
SF	HS	HL	SD
Slidebar with Internal Handle allows locking on inside	Hinged Handle with Short Reach Actuator	Hinged Handle with Long Reach Actuator	Handle Actuator

Head Module

S6
Slimline Head Unit

Electrical / Switching Locking - Slimline LOK Body / Option Pods

ZL (Standard) ZR (Releasing)		ZL (Standard) ZR (Releasing)		Y0	Y1	W0	W1
Fully Monitored Solenoid		Un-Monitored Solenoid		Common Power Supply		Individually Wired (volt free contacts)	
Power to Lock	Power to Unlock	Power to Lock	Power to Unlock	Stand Alone Pod	To suit *pro*Stop or Slimline *pro*LOK Body	Stand Alone Pod	To suit *pro*Stop or Slimline *pro*LOK Body

Actuators - Short Tongue Actuator

• Used in conjunction with the S6 Slimline Head.
• Particularly useful for applications using small radius hinged doors.
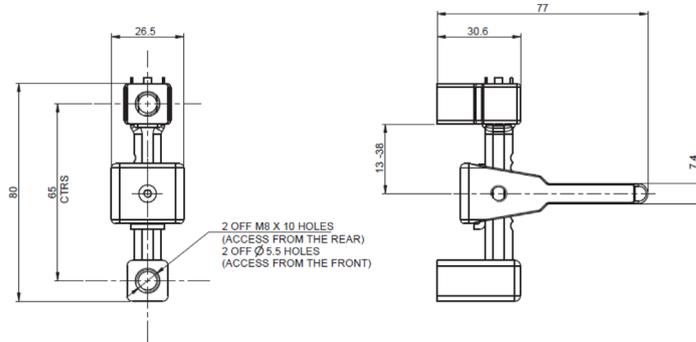
Short Tongue - Options

Part Number	Description	Handing
SA1	Short Tongue Actuator	Front Facing
SA2	Short Tongue Actuator	Left Facing
SA3	Short Tongue Actuator	Rear Facing
SA4	Short Tongue Actuator	Right Facing

Actuators - *pro*Slidebar - Short Tongue

• Used in conjunction with the S6 Slimline Head.
• Particularly useful for applications using small radius hinged doors.
• Stainless steel casing.
• Built in lock-out facility to accommodate a maximum of 4 padlocks with up to 8mm diameter shackles.

*pro*Slidebar - Short Tongue Options

Part Number	Description	Spring	Internal Handle	Internal Handle allows locking on inside	Handing	Part Number	Description	Spring	Internal Handle	Internal Handle allows locking on inside	Handing
SI2	Slidebar		✓		Left	SS2	Slidebar	✓			Left
SI4	Slidebar		✓		Right	SS4	Slidebar	✓			Right
SN2	Slidebar				Left	SF2	Slidebar			✓	Left
SN4	Slidebar				Right	SF4	Slidebar			✓	Right

Actuators - *pro*Hinged Handle

• HS1 - Hinged Handle - Short reach for use with *pro*Stop units (40mm wide).
• HL1 - Hinged Handle - Long reach for use with *pro*Lok units (80mm wide).
• Used in conjunction with the S6 Slimline Head.
• Particularly useful for applications using front facing heads for small radius hinged doors (250mm min).
• Stainless steel casing.
• Misalignment of ± 12mm.

*pro*Hinged Handle - Options

Part Number	Description
HS1	Hinged Handle - Short Reach for use with *pro*Stop units (40mm wide)
HL1	Hinged Handle - Long Reach for use with *pro*Lok units (80mm wide)

Actuators - *pro*Handle

• Used in conjunction with the S6 Slimline Head.
• Actuator rotatable in 90° Increments for flexibility.
• Retention force 10,000N.
• Can be used for any door radius.

*pro*Handle - Options

Part Number	Description
SD2	Left Handing Hand Actuator for S6 Slimline Head
SD4	Right Handing Hand Actuator for S6 Slimline Head

Head Module

- Full Stainless Steel Construction
- Ideal for fast, frequent access.
- 4 position fixing at 90° increments allowing on site handing change.
- Misalignment tolerance of +/- 12mm.
- 6mm Overtravel allowance.
- Retention force 10,000N when top fixing is used.
- Mounted upside down it is self cleaning, ideal for dusty environments.
- 40mm width.
- 250mm door radius.

Slimline Head - Options

Part Number	Description
S6	40mm wide Slimline Head

Electrical / Switching Locking - Slimline *pro*LOK Body

Slimline *pro*Lok - Solenoid Controlled Switch Body is used to manage activities by means of a solenoid control element.

NOTE! There are 2 derivatives, Normal and Releasing. The Releasing version is the type that MUST be used if used in conjunction with any type of internal release function (for example a *pro* Push IR module).

Slimline LOK Body Options

Part Number	Push IR Compatible	Solenoid Locking	Solenoid Monitoring on Solenoid
ZL411	X	Power to Unlock	✓
ZL416	X	Power to Unlock	X
ZL471	X	Power to Lock	✓
ZL461	X	Power to Lock	X
ZR411	✓	Power to Unlock	✓
ZR416	✓	Power to Unlock	X
ZR471	✓	Power to Lock	✓
ZR461	✓	Power to Lock	X

Electrical / Switching Locking - Slimline *pro*Option Pods

The **Slimline *pro*Option Pod** module is a robust, heavy duty pushbutton station that connects to the amGard*pro* range of products. When properly installed, it helps to provide safe access and control for a variety of machinery. The Slimline *pro*Option Pod can be used as a stand alone product or as an additional module mounted below either a Slimline *pro*LOK or a *pro*Stop unit.
A combination of up to three control elements (pushbuttons, lamps, selector switches and emergency stops) can be fitted within one Slimline *pro*Option Pod.
Control elements can be pre wired with a common power supply to minimise external wiring or supplied with volt free contacts to be individually wired.

Select Slimline *pro*Option Pod

*pro*Option Pod Version	Wiring	Part No.
Stand Alone Pod	Common Power Supply	Y0
To suit *pro*Stop of Slimline *pro*LOK Body	Common Power Supply	Y1
Stand Alone Pod	Individually Wired (volt free contacts)	W0
To suit *pro*Stop of Slimline *pro*LOK Body	Individually Wired (volt free contacts)	W1

Select Slimline *pro*Option Body Buttons / Lamps / Switches

Ordering Sequence
1 - Top Position
2 - Middle Position
3 - Bottom Position

Laser Engraving Information
Engraving suitable for lamps and pushbuttons:
2 Lines of 8 Characters

Button Type	Colour / Option	Part No.
Illuminated Buttons	Red	R
	Yellow	Y
	Green	G
	Blue	B
	White	W
	E-Stop (Twist)	U
	E-Stop (with additional monitoring contacts)	H
Non-illuminated Buttons	Black	K
	E-Stop (Twist)	E
	E-Stop (Pull)	P
Lamps	Red	1
	Yellow	2
	Green	3
	Blue	6
	White	7
Illuminated Selector Switch	Latching	L
	Momentary	M
	Latching Selector Switch (1NO 1NC)	V
	Latching Key Switch (90°)	A
Blank	No Button Fitted	0