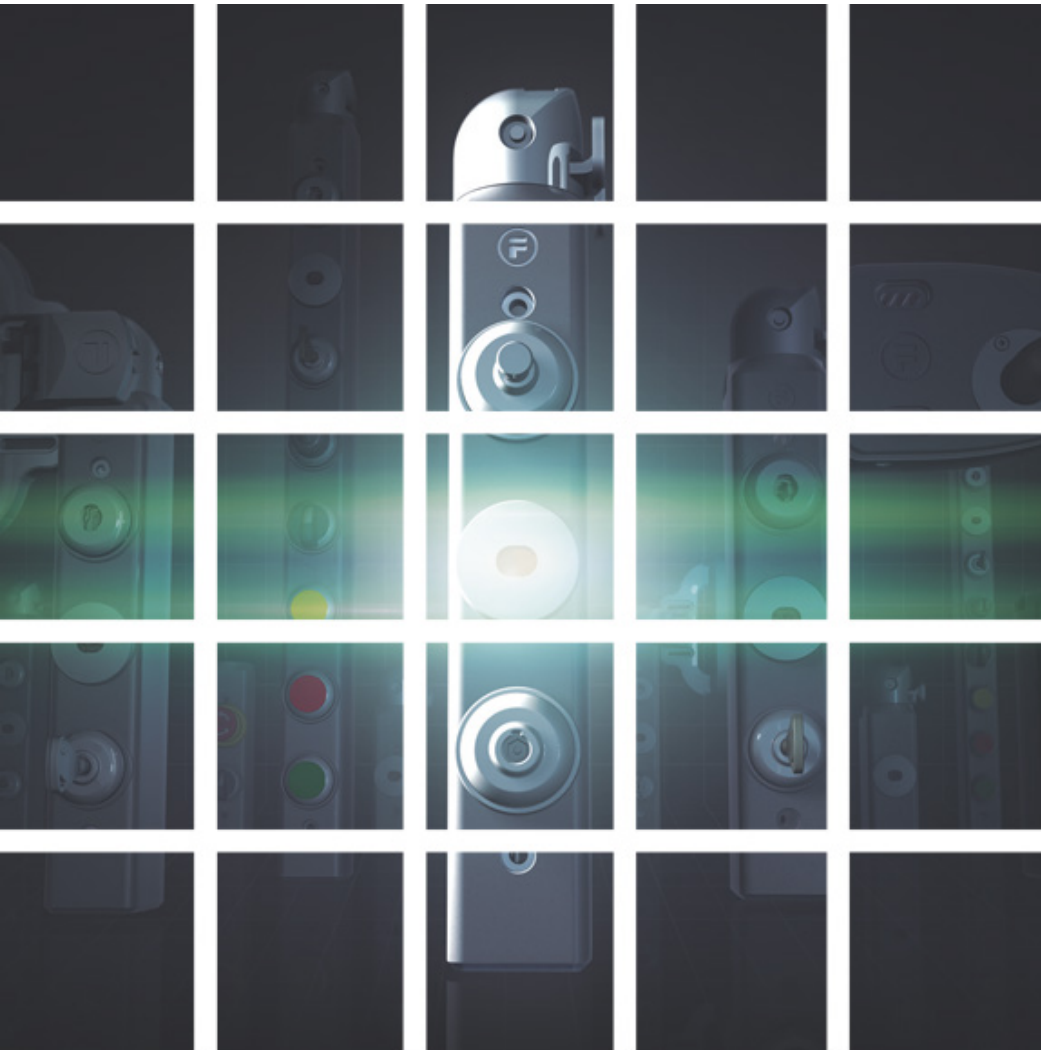


t **Gard** Integrated Control & Safety



tGard

Fixed Actuator - TAF	Hinged Actuator - TAH	Sliding Actuator - TAS	Handle Actuator (no internal knob) - TEN	Handle Actuator - TEH

Cap - THC	Head - THM	Head & Fixed Actuator - THF	Head & Hinged Actuator - THH	Head & Sliding Actuator - THS	Head & Handle Actuator - THE	Head & Handle Actuator (no internal knob) - THN

Heads

Internal Release - TRX, TRZ	Safety Lock - TSN, TGN Access Lock - TAB, TQB	Safety Switch - TSM, TSS	Safety Switch & Solenoid - TSMDF, TSSEU	Safety Switch & Solenoid - TSMDL, TSMEL, TSSEL, TSMFL	E-Stops - TEC, TED, TEW, TEV, TET, TEM, TEP, TEI	Start Re-start - TSR	Blank - TEB	Keys - TKS & TKM
60mm Int. Release	Variable length Int. Release	TSM	TSS	Power to Un-Lock	Power to Lock			

Core Elements

<p>Illuminating Switches - Push, Selector</p> <p>Push Buttons</p> <table border="1"> <tr> <td>Illuminated</td> <td>TP1</td> <td>TP3</td> <td>TP2</td> <td>TP6</td> <td>TP7</td> </tr> <tr> <td>Protruding Illuminated</td> <td>TG1</td> <td>TG3</td> <td>TG5</td> <td>TG6</td> <td>TG7</td> </tr> </table> <p>Engraving for each button is 2 lines of 10 characters.</p>	Illuminated	TP1	TP3	TP2	TP6	TP7	Protruding Illuminated	TG1	TG3	TG5	TG6	TG7	<p>Non-Illuminating Switches - Push, Selector & Key Selector</p> <p>Push Buttons</p> <table border="1"> <tr> <td>1 NO Push Buttons</td> <td>TPB</td> <td>TPR</td> <td>TPG</td> <td>TPW</td> <td>TPY</td> <td>TPZ</td> </tr> <tr> <td>1 NO (normally open) & 1 NC (normally closed) Push Buttons</td> <td>TGB</td> <td>TGR</td> <td>TGG</td> <td>TGW</td> <td>TGY</td> <td>TGZ</td> </tr> <tr> <td>1 NO (normally open) & 1 NC (normally closed) Push Buttons</td> <td>TXB</td> <td>TXR</td> <td>TXB</td> <td>TXW</td> <td>TXY</td> <td>TXZ</td> </tr> </table> <p>Engraving for 2 position selector switch is 10 characters at each switch position.</p>	1 NO Push Buttons	TPB	TPR	TPG	TPW	TPY	TPZ	1 NO (normally open) & 1 NC (normally closed) Push Buttons	TGB	TGR	TGG	TGW	TGY	TGZ	1 NO (normally open) & 1 NC (normally closed) Push Buttons	TXB	TXR	TXB	TXW	TXY	TXZ	<p>2 Position Illuminated Selector Switch</p> <table border="1"> <tr> <td>T2E Latching</td> <td>T2F Momentary</td> </tr> </table> <p>Engraving for 2 position selector switch is 2 lines of 10 characters at each switch position.</p>	T2E Latching	T2F Momentary	<p>2 Position Selector Switch</p> <table border="1"> <tr> <td>T2A Latching 1 NO</td> <td>T2D Momentary 1 NO</td> <td>T2V Latching 1 NO & 1 NC</td> </tr> </table> <p>Engraving for 2 position selector switch is 10 characters at each switch position.</p>	T2A Latching 1 NO	T2D Momentary 1 NO	T2V Latching 1 NO & 1 NC	<p>2 Position Selector Key Switch</p> <table border="1"> <tr> <td>TK5 Latching</td> <td>TK6 Momentary</td> </tr> </table>	TK5 Latching	TK6 Momentary	<p>LED Lamps</p> <table border="1"> <tr> <td>TLB</td> <td>TLG</td> <td>TLR</td> <td>TLW</td> <td>TLY</td> </tr> </table>	TLB	TLG	TLR	TLW	TLY	<p>3 Position Selector</p> <table border="1"> <tr> <td>T3A Latching (Both Sides)</td> <td>T3D Momentary</td> <td>T3E Latching (Both Sides) Illuminated</td> <td>T3F Momentary Illuminated</td> </tr> </table>	T3A Latching (Both Sides)	T3D Momentary	T3E Latching (Both Sides) Illuminated	T3F Momentary Illuminated
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Core Elements

<p>Foot - TBF</p>	<p>Safety & Control Quick Disconnect Connectors</p> <table border="1"> <tr> <td>TO1</td> <td>TO2</td> <td>TO3</td> <td>TO4</td> <td>TO5</td> <td>TO6</td> <td>TO7</td> <td>TO8</td> <td>TO9</td> </tr> <tr> <td>5 Pin Safety Only</td> <td>8 Pin Safety Only</td> <td>8 Pin Safety & Control</td> <td>12 Pin Control Only</td> <td>12 Pin Safety & Control</td> <td>14 Pin Safety & Control</td> <td>19 Pin Safety & Control</td> <td>19 Pin Safety & Control</td> <td>19 Pin Safety & Control</td> </tr> </table>	TO1	TO2	TO3	TO4	TO5	TO6	TO7	TO8	TO9	5 Pin Safety Only	8 Pin Safety Only	8 Pin Safety & Control	12 Pin Control Only	12 Pin Safety & Control	14 Pin Safety & Control	19 Pin Safety & Control	19 Pin Safety & Control	19 Pin Safety & Control	<p>Mating Cables for Quick Disconnect Connectors</p> <table border="1"> <tr> <td>TQ1</td> <td>TQ2</td> <td>TQ3</td> <td>TQ4</td> <td>TQ5</td> <td>TQ6</td> <td>TQ7</td> <td>TQ8</td> <td>TQ9</td> </tr> <tr> <td>Cable-2M-TQ1</td> <td>Cable-2M-TQ2</td> <td>Cable-2M-TQ3</td> <td>Cable-2M-TQ4</td> <td>Cable-2M-TQ5</td> <td>Cable-2M-TQ6</td> <td>Cable-2M-TQ7</td> <td>Cable-2M-TQ8</td> <td>Cable-2M-TQ9</td> </tr> </table>	TQ1	TQ2	TQ3	TQ4	TQ5	TQ6	TQ7	TQ8	TQ9	Cable-2M-TQ1	Cable-2M-TQ2	Cable-2M-TQ3	Cable-2M-TQ4	Cable-2M-TQ5	Cable-2M-TQ6	Cable-2M-TQ7	Cable-2M-TQ8	Cable-2M-TQ9	<p>Self wire</p> <table border="1"> <tr> <td>TW1</td> <td>TW2</td> <td>TW3</td> </tr> <tr> <td>12 Pin Safety & Control</td> <td>12 Pin Control Only</td> <td>24 Pin Safety & Control</td> </tr> </table>	TW1	TW2	TW3	12 Pin Safety & Control	12 Pin Control Only	24 Pin Safety & Control	<p>Trailing Cables</p> <table border="1"> <tr> <td>TC2</td> <td>TC3</td> <td>TC4</td> <td>TC5</td> <td>TC8</td> <td>TC9</td> </tr> <tr> <td>2m Control Only</td> <td>2m Safety & Control</td> <td>2m Control Only</td> <td>2m Safety & Control</td> <td>2m Core</td> <td>2m Core</td> </tr> </table>	TC2	TC3	TC4	TC5	TC8	TC9	2m Control Only	2m Safety & Control	2m Control Only	2m Safety & Control	2m Core	2m Core
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Base Elements

tGard **An Innovative Platform for Machine Safety**

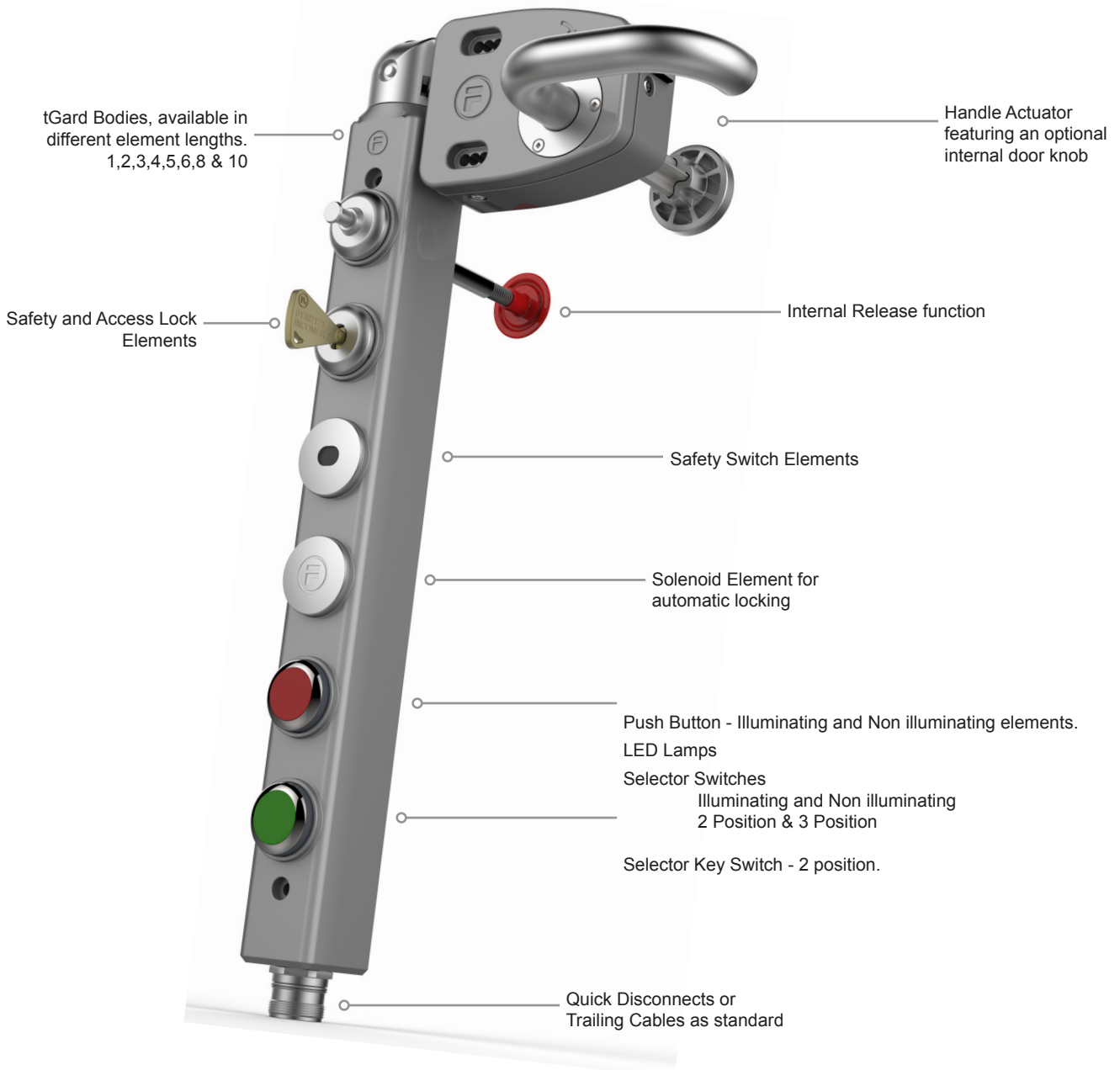
tGard is the new innovative approach to controlling access to hazardous machinery and equipment. It is a compact metal bodied system that enables the configuration of various safety products including electrical safety gate switches (with or without guard locking), mechanical trapped key interlocks, and electrical operator controls, either as separate devices or integrated into one device.

tGard offers “a customised safety solution, as standard” and is defined by a range of **tGard** elements, including selector switches, safety switches (solenoid and non solenoid), personnel keys, emergency release, push buttons, estops, indicator lamps and a choice of operating handles for both hinged and sliding guard doors. These elements are simply selected and then assembled into a robust housing, suitable for mounting onto machine guarding, providing the user with an exact configuration specific to the application.

tGard is quick and easy to install and can be mounted directly onto a flat surface, doors or extruded aluminium profiles without the need for mounting plates or brackets. It is IP65 as standard and has been designed to be fully compliant with the new machinery safety standards.

Customised Safety Solutions as Standard

- Simply Robust
- Customisable
- Future proof for future element expansion
- Easy to Install
- Quick Disconnects as standard
- Standards compliant
- Trailing Cables as standard
- Safety Gate Switches
- Trapped Key Interlocks
- Operator Control





Gard

An Innovative new Platform for Machine Safety

“Customised Safety Solutions as Standard”

- Simply Robust
- Customisable
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- Future proof for future element expansion
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- Quick Disconnects as standard
- Trailing Cables as standard

Configurable solutions include:

- Safety Gate Switches
- Trapped Key Interlocks
- Operator Control

