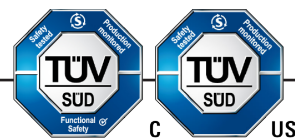


Operating Instructions: Escape Release



Core Elements

Description	TRX	TRZ
<p>Escape Release Element</p> <ul style="list-style-type: none"> • Element allows emergency exit even if unit is locked by keys and or solenoid. • Pressing Escape Release automatically breaks safety circuits and holds them open until unit is reset. • Reset is achieved via front mounted push mechanism. • When present, the push IR always occupies the top element. • TRX works through wall thickness up to 60mm. • TRZ allows customer to customise length emergency release up to a wall thickness of 300mm. 		

Technical Specifications	
Housing Materials	Painted die cast aluminium
Back Plate	Stainless Steel
Colour	Dark Grey
Ingress Protection	IP65*
Mechanical Life	1,000,000 Operations
Ambient Temperature	-25°C to 40°C (-13°F to 104°F)
Environment	Indoor use only
*IP protection is to the tGard stack that this module attaches to, when correctly fitted according to installation and maintenance instructions.	

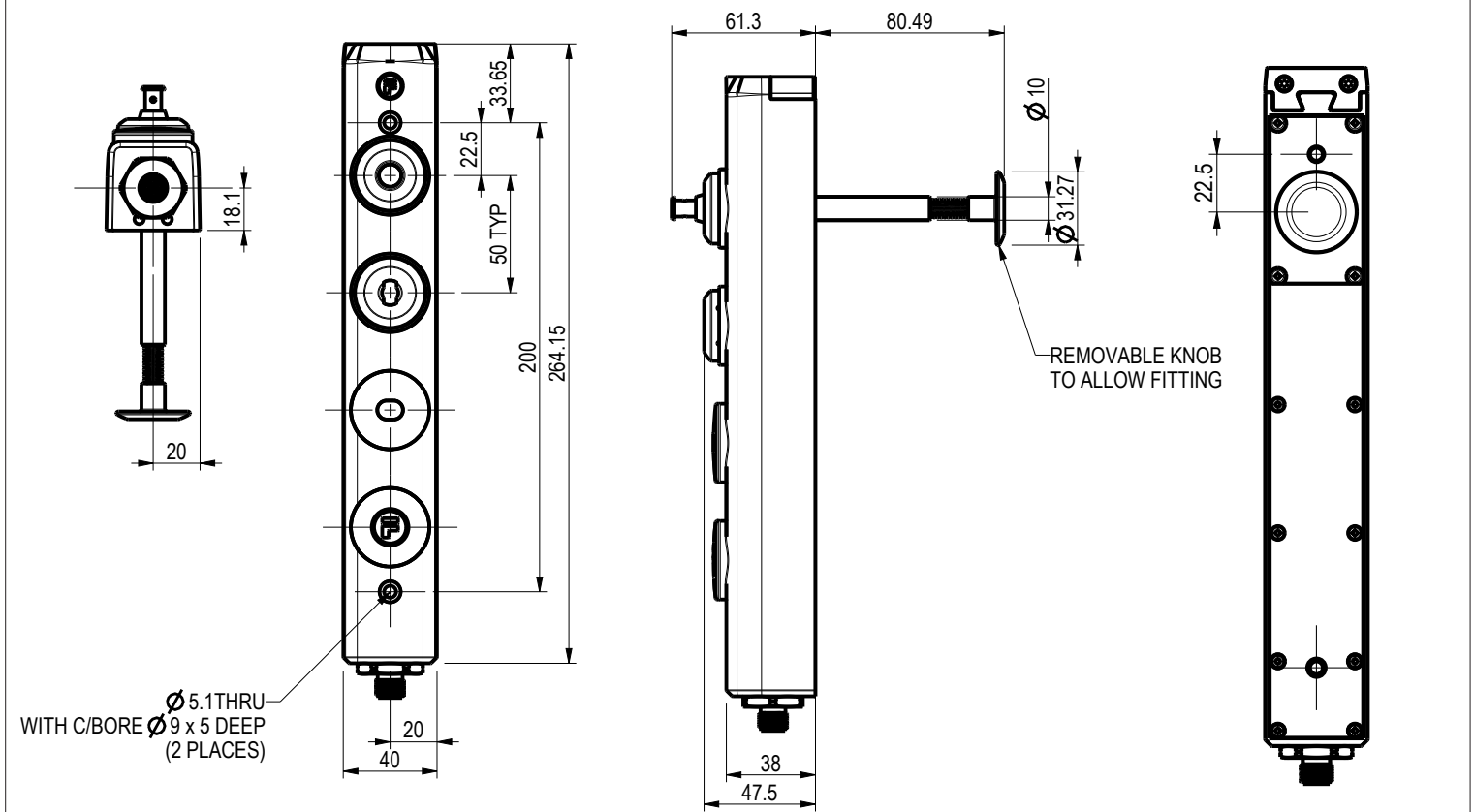
tGard Escape Release Safety Functions		Part No.	
Safety Function 1	Holds interlock locked when escape not used	TRX	TRZ
Safety Function 2	On activation unit overrides locking mechanism allowing escape		
Safety Function 3	Mechanism activates safety contacts		

tGard Escape Release Part Number Options	
Description	Part No.
Standard 60mm Escape Release	TRX
Variable length Escape Release	TRZ

Operating Instructions: Escape Release

Safety Data	
Standards	EN13849-1 EN13849-2 EN14119
Approvals	TÜV SÜD for Europe, Canada & USA
Category	Cat. 3, PLd (EN/ISO 13849-1)
Functional Safety Data	B10d (for whole tGard device, which will contain multiple elements)/ 5,000,000

Figure 1: Dimensional Drawing - TRX



Operating Instructions: Escape Release

Figure 2: Dimensional Drawing - TRZ

