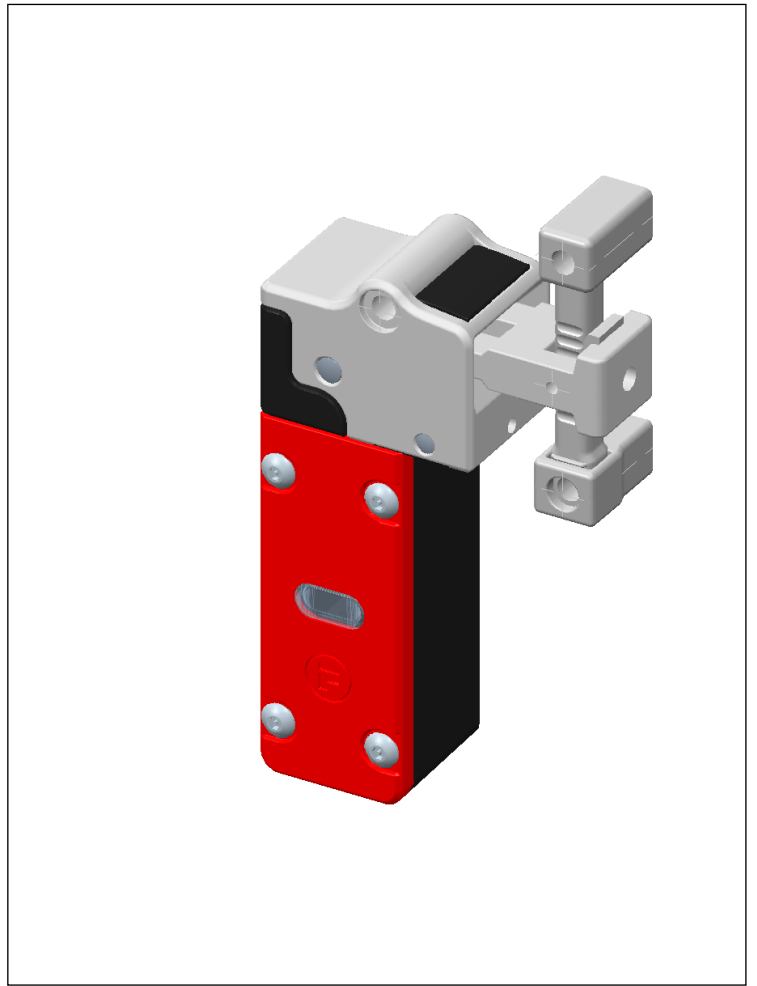
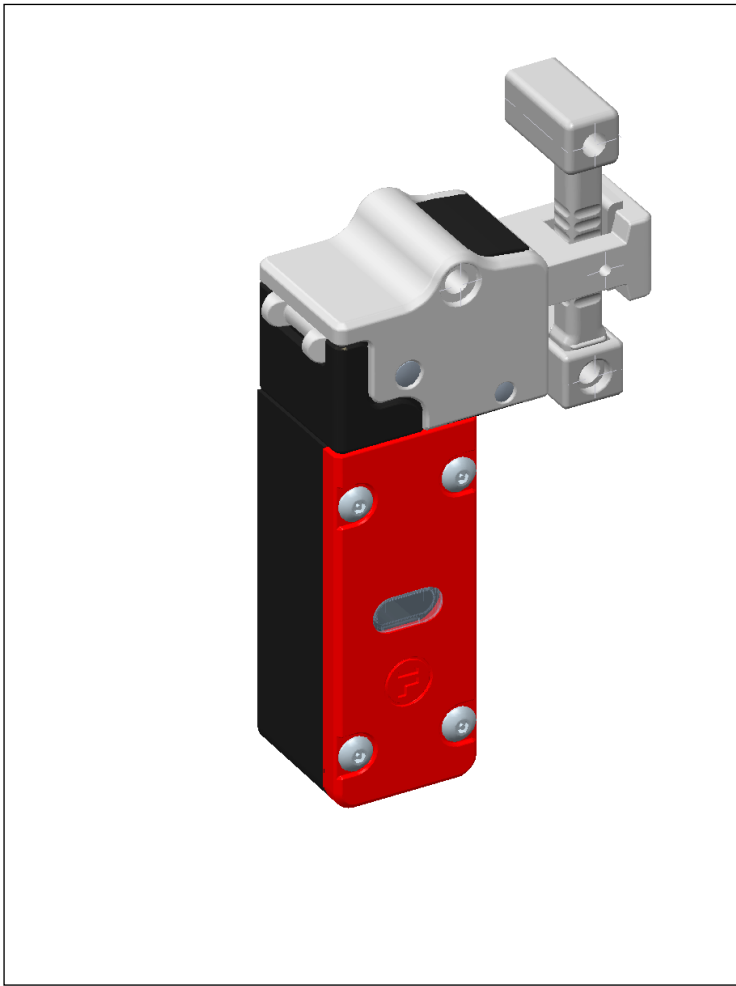


Datasheet for TA4T6ST401



Breakdown List

Item number: ITM-00043726	
Part	Description
TA4	AT Tongue with Right Hand
T6	AT Head with No Lockout
ST401	STOP body, 24v, Stop/EXP/UXP, Std & Sourcing

Datasheet for TA4T6ST401

Technical Specification

amGardpro is the ultimate range of safety gate switches, from Fortress Interlocks. The range has a unique modular construction which allows easy configuration and provides total electro-mechanical solutions for practically any safeguarding application up to SIL3 (EN/IEC 60261) Category 4 and PLe (EN/ISO 13849-1), as approved by independent test house TUV.

Technical Specification

Housing Materials	T6	Zinc Alloy to BSEN12844 Stainless Steel to BS3146
	ST401	Zinc Alloy to BSEN12844
Materials	TA4	Stainless Steel to BS3146
Colour	T6	Black and Stainless Steel
Paint Finishes	T6	30% Gloss powder coat on passivated zinc alloy
	ST401	Gloss Powder Coat on Passivated Base Material
Ambient Temperature		-5°C to 60°C (23°F to 140°F)
Environment	TA4	Indoor & Outdoor
	T6	
	ST401	
Ingress Protection	TA4	IP67
	T6	
	ST401	
Retention Force	TA4	10,000N(locked)
	T6	
Operating Force	TA4	5N
Mechanical Life	TA4	1,000,000 Operating Cycles
	T6	1,000,000 Switching Cycles
	ST401	
Maximum Frequency of Operations	ST401	7,200 per hour
Safety Circuit Switching Principal	ST401	Positive Break
Maximum Switch Current	ST401	3A
Utilisation Category	ST401	AC 15 or DC 13
Insulating Voltage	ST401	2500V AC
Insulating Resistance	ST401	20M Ohm
Minimum Switch Current	ST401	1mA at 5VDC
Control Voltage	ST401	24V ac/dc, 110V ac, 230V ac
Cable Size	ST401	28 - 24 AWG
Connector Type	ST401	Spring Activated Vibration Proof Block
B10d	TA4	5,000,000
	T6	
	ST401	
Performance Level	TA4	PLe
	T6	
	ST401	
Diagnostic Coverage	ST401	A maximum DC of 99% can be achieved with suitable monitoring
λ_d	ST401	10%
DC	ST401	Position Monitoring

Datasheet for TA4T6ST401

Full Dimensional Drawing

