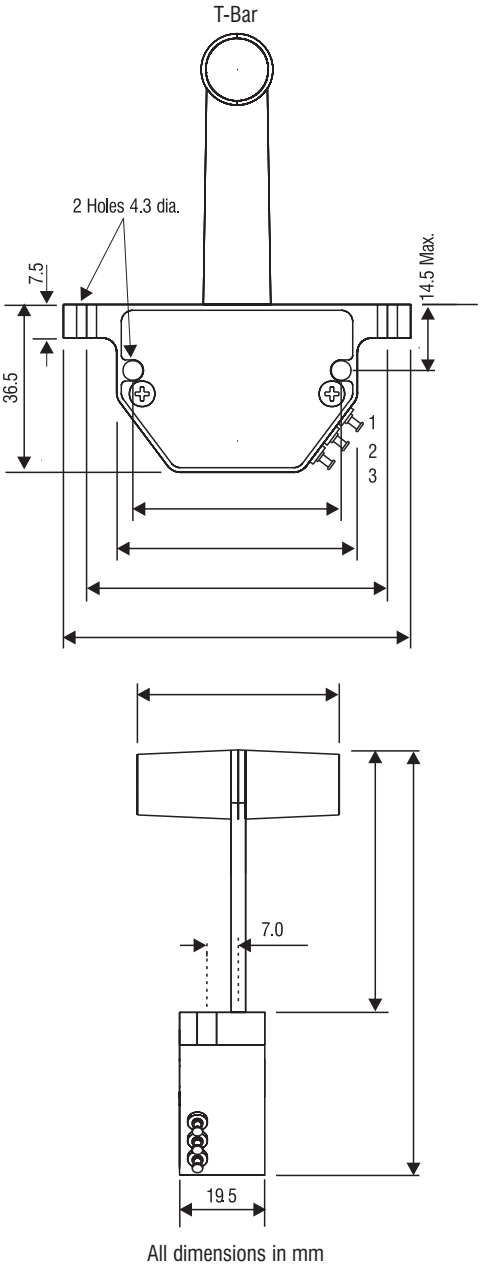
T-Bar

SINGLE-AXIS FRICTION LOCK JOYSTICK

Developed for use in those applications where compact size and simplicity is important, the T-Bar is a single axis put and stay joystick that provides precise finger tip control.

Designed for use with electronic controllers, the conductive plastic track in the T-Bar generates an analogue signal, proportional to the distance and direction over which the handle is moved.

Typical applications include remote control chest packs and material handling equipment.



All dimensions in mm

Mechanical		
Operating Force	1.7 N	51mm above flange
Maximum Applied Force	16N across the lever	
Mechanical Angle of Movement	±31.5°	
Electrical Angle of Movement	±27.5°	
Expected Life (Operations)	1 million	
Mass	135g	
Environmental		
Operating Temperature Range	0°C to + 50°C	
Storage Temperature Range	-20°C to +70°C	
Environmental Sealing Above the Flange	Not Sealed	
Electrical General		
Maximum Load Current	See Design Note in rear of Data Sheet	
Maximum Power Dissipation	0.25W at 25°C	
Analogue Track		
Total Track Resistance	2k5Ω	±20%
Output Voltage Range	0% to 100%	
Center Tap	On Request	
Order Code		
D460334	T-Bar with 0% to 100% Output Voltage Range	
Termination Details		
Y-axis positive supply voltage	3	
Y-axis output voltage signal	2	
Y-axis negative or zero supply voltage	1	