

Triangulation Rangefinder AN-21TL

The triangulation rangefinder determines the distance to the object, the offset relative to the meter in real time, the surface geometry



Specification	
Power supply	from 9 to 36 V
Synchronization	RS422 or TTL
Material	Aluminium/glass
Weight	from 100 to 200 g
Interfaces	
AN-X1TL-RS	RS485 (100/100)
AN-X1TL-AO (I/U)	Analog output (I: 4..20mA or U: 0..10V)
Laser	
Wavelength	658, 450, 530, 808 nm
Safety	Class 2
Power	from 1 to 30 MW
Range	
AN-X1TL-C	from 10 to 300 mm
AN-X1TL-M	from 300 to 700 mm
AN-X1TL-L	from 700 to 1300 mm
Linearity	+ - 0.05 % of range
Frequency	<16 kHz
Environment	
Enclosure Rating	IP67
Operating temperature	from 0°C to +60°C
Operating humidity	from 5 to 95% (no condensation)
Vibration	20g / from 10 to 1000 Hz 6 hours in X, Y and Z
Shock Resistance	30 g / 6msec
Applicable Standards	
IEC 60529	