

ES LRF-20/M

Laser rangefinder module

ES LRF-20/M is an eye-safe, long distance erbium glass laser rangefinder module. It measures distances up to 20 km and is designed to perform under demanding environmental conditions. Its rigid construction and high quality craftsmanship follows the highest of military standards.

Technical characteristics:

Laser rangefinder

• Range	80 m to 20000 m
• Accuracy	± 5 m
• Blocked range	80 m to 5000 m
• Targets	2+1 blocked
• Wavelength	1540 nm
• Energy	≤ 8 mJ
• Beam divergence	≤ 1 mrad
• Measuring frequency	One burst per minute, 20 pulse @ 1 Hz
• Connection	RS 232 / RS 422
• Chassis connector	Souriau 85107A12-10P50
• Operating temperature	-30°C to +50°C
• Power supply	20-30 VDC
• Power consumption	< 2,5 A



Rectification scope

• Optical zoom	1,5x to 4,5x
• Field of view at 1000 m	22,3 m @1,5x; 7,7 m @ 4,5x
• Exit pupil	17 mm @1,5x; 7 mm @ 4,5x
• Eye relief	(4/102) mm
• Click value	7 mm @ 100 m
• Adjustment range	1,7 m @ 100m
• Weight	267 g
• Length	268 mm

