

PEG03

Ultra Lightweight Military Goniometer

High-Resolution Digital Goniometer for Military Surveillance, Target Acquisition, and Man-Portable Operations

APPLICATIONS

Border · Armored · UGV · **Targeting** · Radar · Comms mast

QUALIFIED TO **MIL-STD-810G · MIL-STD-461G**

PAN RANGE	TILT RANGE	AXIS RESOLUTION	ACCURACY	RATED PAYLOAD	WEIGHT
N × 360°	±45°	0,0056°	0,056°	12 kg	2,9 ± 0,1 kg

MAIN FEATURES

High-Resolution Digital Goniometer

0,0056° (**0,1 mil**) resolution and **0,056°** (**1 mil**) accuracy on both axes, for line-of-sight measurement in surveillance and target acquisition.

Man-Portable Electromechanical Head

Under **3 kg** and **173 × 183 × 115 mm**, with selectable counterbalance for payloads up to **12 kg** and low enough power draw for a full mission on battery.

STANDARD CONFIGURATION

PEG03-0012 · Tolerance **±5 %**

PERFORMANCE PARAMETERS	
Rated Payload	**12 kg**
Pan – Axis Range	**N × 360°**
Tilt – Axis Range	**±45°**
Axis Resolution	**0,0056°**
Accuracy	**0,056°**
Weight	**2,9 ± 0,1 kg**
Performance Independent Braking	**Available**
Fine Adjustment Range	**±0,8438°**

ELECTRICAL & INTERFACE	
Operating Voltage	**18-32 VDC**
Communication Interface	**RS-422**
Connector Type	**MIL-DTL-38999**
MECHANICAL DATA	
Width	**180 mm**
Depth	**205 mm**
Height	**130 mm**

HOW TO ORDER

Every step, option and test: **Product Catalog, page 37**

PART NUMBER	**PEG03 – [body size] – [options]** · 1 build combination
OPTIONS	**BT74** Nominal Voltage **BT74** Capacity **BT74** Chemistry **SRSH** Sun and Rain Shield **LG##** Label Language