

Linear Gauge LG100-0110 10

mm

Item number: 542-192

Images



IP67 G

IP67 G

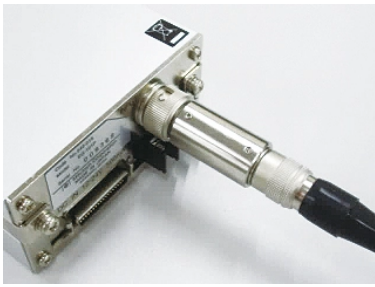
Description

The LG100 is a very robust and economical linear gauge for in-line use and automatic machines, in combination with the EJ Counter. EH-counters can be used as well.

- The advanced construction of the plunger guidance assembly makes it very resistant to external shocks and vibrations.
- Its differential square-wave signal output allows for a wide range of applications.
- Long-lasting due to linear ball-bearings in the spindle unit.
- Repeatability of 0.3 μm .
- Narrow range accuracy: 0.5 μm (20 μm range).
- Operation temperature range: 0 - 50°C.

Features

Model:	LG100-0110
Range:	0 - 10 mm
Accuracy:	(0.8+L/50) μm L=measured length in mm
Measuring force:	1.4 N with spindle down, 1.3 N with spindle horizontal, 1.2 N with spindle upwards
Resolution:	0.0001 mm
Stem \varnothing:	8 mm
Cable length:	2 m
Mass:	260 g
Scale:	Photoelectric linear encoder
Max. response speed:	400 mm/s
Contact point:	\varnothing 3 mm carbide ball, thread: M 2.5 x 0.45
Output signal:	90° phase difference, differential square wave (RS-422 equivalent)
Environmental conditions:	0°C to 50°C (20% to 80% rel. humidity, no condensation) °C



Exchange Plug (for P-Counter)

Art No. 21HZA195

Price on application

Exchange Plug (for Z-Counter)

Art No. 21HZA196

Price on application



Extension Cable 5 m (10P-10P)

Art No. 21HZA197

Suggested retail price: 134.00 €*
*



Extension Cable 10 m (10P-10P)

Art No. 21HZA198

Suggested retail price: 185.00 €*
*

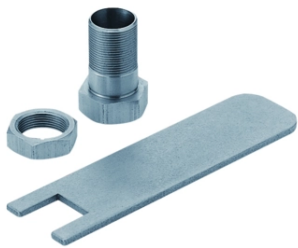


Extension Cable 20 m (10P-10P)

Art No. 21HZA199

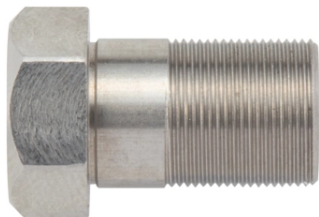
Suggested retail price: 308.00 €*
*





Thrust Stem Set (for 10 mm model)

Art No. 02ADB680
Suggested retail price: 25.00 €*



Thrust Stem (part)

Art No. 02ADB681
Suggested retail price: 16.00 €*



Nut (part)

Art No. 02ADB682
Suggested retail price: 9.00 €*



Spanner Wrench (for 02ADB682)

Art No. 02ADB683
Suggested retail price: 16.00 €*



Silicone Rubber Boot (for 10 mm model)

Art No. 238772
Suggested retail price: 11.00 €*

Promotion!



EJ Counter-102NE

Art No. 542-081

Promo price: **519.00 €***

Suggested retail price: ~~630.00 €*~~



Air Drive Unit for Linear Gauges 10 mm

10 mm

Art No. 02ADE230

Suggested retail price: 384.00 €*

Spare parts

Consumable spares:



Contact Element Ball Point, M2,5x0,45

7,3mm Length, Carbide, Metric

Art No. 901312

Suggested retail price: 14.00 €*