

Linear Gauge LGS

Item number: 575-313

Images



ABSOLUTE®

IP66

Description

The LGS is a compact ABS linear gauge that offers you the following benefits:

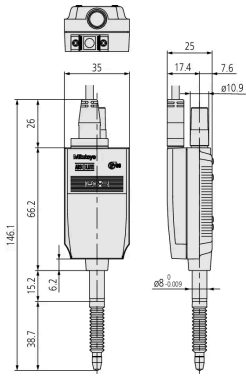
- Its ABSOLUTE Digimatic data output and IP-66 protection class give you best-of-breed technology.

Features

Model:	LGS-1012PE
Inch-Metric:	Inch
Accuracy:	0.0008"
Measuring force:	2 N with spindle down, 1.8 N spindle horizontal, 1.6 N spindle upwards
Scale:	Capacitance-type ABSOLUTE linear encoder
Stem \varnothing:	3/8"
Max. response speed:	1600 mm/s; (measuring by scanning not possible) mm/s
Contact point:	\varnothing 3 mm carbide
Cable length:	2 m
Power supply:	5 to 10 V (5 mA max.)
Max. response speed:	Unlimited (measuring by scanning cannot be performed)
Output signal:	Digimatic output
Environmental conditions:	0 °C to 40 °C (20 % to 80 % rel. humidity, no condensation) °C

Bearing type:	Slide bearing
Functions:	Ansi/AGD
Mass:	190 g (included cable)
Digital step:	0,01 mm

Dimensions



Accessories

Optional accessories:



Extension Adaptor

for SPC Cables.
 Art No. 02ADF640
 Suggested retail price: 68.00 €*



Digimatic Cable, Flat 10-Pin Type

1 m
 Art No. 936937
 Suggested retail price: 57.00 €*



Digimatic Cable, Flat 10-Pin Type

2 m
 Art No. 965014
 Suggested retail price: 72.00 €*



Air Drive Unit, Indicator/Linear Gauge

for ID-S, ID-C, LGS, 12,7 mm and 0,5" Range
Art No. 903594
Suggested retail price: 189.00 €*



Display Unit EC-Counter

CEE, for Digimatic Gauges
Art No. 542-007D
Suggested retail price: 393.00 €*



Linear Gauge Counter EG

for Linear Gauge LGS, LGD, Scale Units
Art No. 542-016
Suggested retail price: 513.00 €*



Linear Gauge Counter EB

for LGS, LGD, Scale Units
Art No. 542-093-2
Suggested retail price: 578.00 €*



Linear Gauge Counter EH

for LGS, LGD, Scale Units
Art No. 542-072D
Suggested retail price: 1,226.00 €*

Linear Gauge Counter EV-D

for LGS, LGD, Scale Units

Art No. 542-064

Suggested retail price: 1,340.00 €*
MSRP



Digimatic Interface DMX-8/2

8x Digimatic Input, Serial D-SUB 9 Connector

Art No. 63AAA033

Suggested retail price: 1,390.00 €*
MSRP



Digimatic Interface DMX-16

16x Digimatic Input, Serial D-SUB 9 Connector

Art No. 63AAA026

Suggested retail price: 2,120.00 €*
MSRP



Digimatic Interface DMX-16C

16x Digimatic Input, Serial D-SUB 9 Connector

Art No. 63AAA106

Suggested retail price: 2,874.00 €*
MSRP



Spare parts

Consumable spares:



**Silicon rubber boot for ID-C,
ID-N, ID-S**

Art No. 238774

Price on application
