

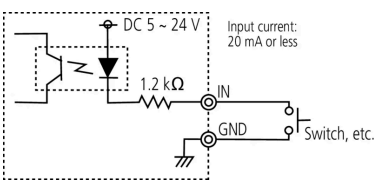


Digital Indicator, Signal ID-C

Item number: 543-350B-10

Images





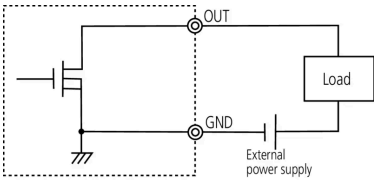
DC 5 ~ 24 V
Input current:
20 mA or less

1.2 kΩ

IN

GND

Switch, etc.



OUT

GND

Load

External power supply

Load voltage: 5 ~ 24 V DC
Maximum load current: 100 mA or less

Logic of output signal	Signal name	Tolerance judgment results			Sensor signal synthesizing error Overflow error of display value
		-NG	OK	+NG	
Negative logic	-NG (Orange)	Low	High	High	High
	OK (Green)	High	Low	High	High
	+NG (Brown)	High	High	Low	High
Positive logic	-NG (Orange)	High	Low	Low	Low
	OK (Green)	Low	High	Low	Low
	+NG (Brown)	Low	Low	High	Low



Description

This is an externally-powered Digimatic Indicator with a N-ch open drain -NG, OK, +NG output.

- Dust-protected and protected against splashing water, complying with IEC 60529 (equivalent to IP54)
- Measures MAX/MIN/RANGE (run-out value).
- Saves three different Preset and Tolerance settings.
- Fast measurement frequency mode (detection cycle 50 times/s) for reliable measurement in the peak detection mode (MAX/MIN/RANGE)
- Calculation function Ax. Coefficient A freely definable, x = displacement of the plunger
- Analogue bar graph in the display (12 different scales switchable)
- GO/±NG tolerance judgment function

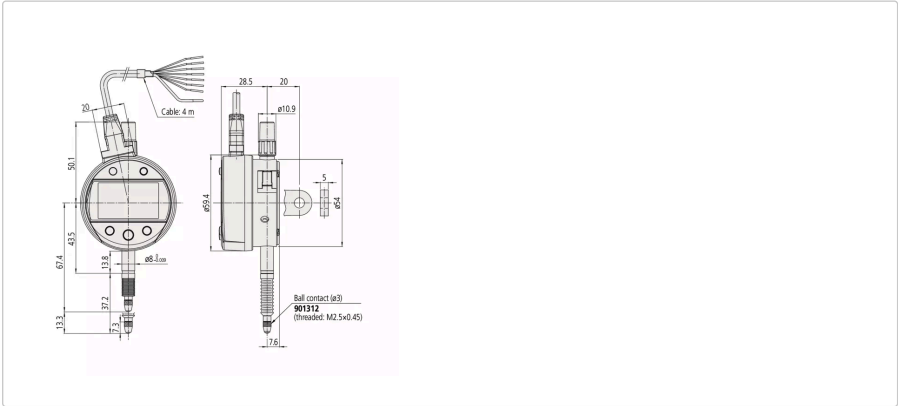
Specification

Model:	ID-C112JXB2
Digital/Analog:	Digital
Inch-Metric:	Metric
Delivered:	With signal cable 4 m. One end is fixed to the main unit. No connector is supplied for the other end.
Range:	12.7 mm
Digital step:	0.001 mm/0.01 mm
Max. Permissible Error E MPE (Total Range):	0.003 mm
H MPE (Hysteresis):	0.002 mm
R MPE (Repeatability):	0.002 mm
Measuring force MPL:	≤2.5 N
Protection:	IP54
Type:	EN ISO Standard
Display:	LCD, character height 8 mm
Max. response speed:	Unlimited
Measurement frequency (MAX/MIN/RANGE):	100 times/s (if the plunger speed >0.1 mm/s the peak value could not be displayed correctly.)
Alarm:	Counting value composition error, overflow error, tolerance limit setting error
Stem Ø:	8 mm
Contact point:	Carbide ball, thread: M2.5x0.45
Power supply:	DC 5.0 - 24.0 V
Digital Scale:	Electrostatic capacitance type absolute linear encoder
ON/OFF:	Yes
ABS / INC (INC ZERO):	Yes
PRESET 3x:	Yes
Function lock:	Yes
GO/±NG judgement:	Yes
Counting direction switchable:	Yes
MAX/MIN/RANGE:	Yes
Calculation function (with formula):	Yes
Analog bar resolution switchable:	Yes
Signal output: (+NG, OK, -NG):	Yes
Signal input: No-voltage input,	Yes

(PRESET_RECALL/ZERO, HOLD_RESET):

GO/±NG judgement via LED:	Yes
Inch/Metric switchable:	No
Mass:	285 g

Dimensions



Accessories

Optional accessories:



USB-ITPAK Vers. 3.0

USB Dongle + Manual (Software available Online)

Art No. 06AGR543

£343.20 inc. VAT

£286.00 ex. VAT

Spindle Lifting Lever

for Digital Indicator, A-Type Dial Indicator Serie 2/3/4

Art No. 21EZA198

£7.70 ex. VAT



Spindle Lifting Cable

for Indicator, L=500mm

Art No. 21JZA295





Spindle Lifting Cable with Auto Stop

for Indicator, L=300mm
Art No. 21JZA301



Spindle Lifting Knob

for 12,7mm Range
Art No. 21EZA105

£19.44 inc. VAT
£16.20 ex. VAT



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

Art No. 238774

Spare parts

Consumable spares:



NBR Rubber Boot

Digital Gauge Series 543
Art No. 21EAA423

£4.20 ex. VAT



**Contact Element Ball Point,
M2,5x0,45**

7,3mm Length, Carbide, Metric

Art No. 901312

£7.70 ex. VAT