

Integrated Scale Units

SERIES 572 – ABSOLUTE Digimatic Coolant Proof Scale

- Designed to capture positional coordinates from slides on machine tools and precision instruments; such as are incorporated in semiconductor production equipment, for example.
- The proprietary electromagnetic induction method used for detecting the position of the slider on the scale enables use in adverse environments subject to water and cutting oil mist and splashing.
- Specially designed output cables maintain the water resistant structure.
- No overspeed error since it uses an ABSOLUTE scale which does not depend on counting scale graduations.
- Once an absolute zero (origin) point is set, a Digimatic scale such as this always shows the absolute distance from this point when powered on rather than 0.00.

ABSOLUTE

IP66

SPC



572-614

Technical Data

Accuracy:	±0.03 mm (excluding quantizing error)
Resolution:	0.005" / 0.01 mm
Repeatability:	0.01 mm
Display:	LCD
Length standard:	ABSOLUTE electromagnetic induction linear encoder
Max. response speed:	Unlimited
Battery:	SR44 (1 pc.), 938882
Battery life:	Approx. 1.5 years under normal use
Dust/Water protection level:	IP66
Functions:	origin-set, zero-setting, automatic power on/off, data output, inch/mm conversion (inch/mm models)
Alarm:	Low voltage, measurement value composition error

Optional Accessories

05CZA624:	SPC data cable with pushbutton (1 m) £58.50
05CZA625:	SPC data cable with pushbutton (2 m) £70.40

SPECIFICATIONS

Code No.	Range	Accuracy	L ₁	L ₂	Mass	Price
572-613	0-4" / 0-100 mm	.001" / 0.03 mm	209 mm	185 mm	0.39 kg	£186.00
572-614	0-6" / 0-150 mm	.001" / 0.03 mm	259 mm	235 mm	0.41 kg	£198.00
572-615	0-8" / 0-200 mm	.001" / 0.03 mm	311 mm	287 mm	0.43 kg	£220.00

DIMENSIONS

