

EJ-102N/Interface unit CC-Link/Interface unit USB

SPECIFICATIONS

Order No.		542-081A Includes AC components	542-081
Unit		inch/mm	
Resolution		0.0002, 0.00005, 0.00002, 0.000005 (inch)/ 0.005, 0.001, 0.0005, 0.0001 (mm)	
Number of linear gage connection ports		2	
Supported gage signal		Differential square wave, differential square wave with reference point mark	
Maximum input frequency		5 MHz	
User Interface	Display	Negative sign + 8 digits and indicator (1 gage value displayed, manually switchable)	
	Number of I/O ports	Input: 4 ports (Ch switch, peak clear, data hold, preset) Output: 4 ports (Err/ALLGO, Tolerance judgment)	
External I/O	Compatible communication standards	CC-Link, USB (Supported with optional interface units)	
	Max. number of linked units	EJ Counter 8 units + 1 (optional) interface unit (Max. number of linear gage connections: 16)	
Power supply	Input voltage	10 V to 27 V DC	
	Power consumption	1 unit only: 3 W or less (Includes 2 linear gages) Max. number of links: 30 W or less (Interface unit and 16 linear gages included)	
Operating temperature (humidity) ranges		0 to 50 °C (RH 20 to 80%, non-condensing)	
Storage temperature (humidity) ranges		-10 to 60 °C (RH 20 to 80%, non-condensing)	
Mass		Approx. 120 g	
CE Marking		EMC Directive: EN 61326-1 Immunity test requirement: Clause 6.2 Table 2 Emission limit: Class A RoHS Directive: EN IEC 63000	

Connectable linear gage series	Conversion cable (optional)
LG100	Not necessary
LGF-Z	Necessary (21HZA194)
LGF/LGK/LGB/LG	Necessary (21HZA193)

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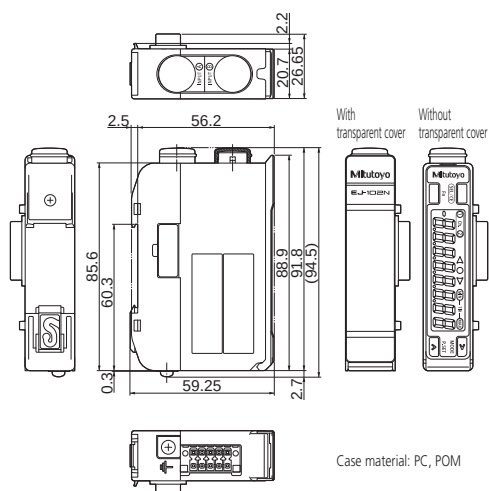
Order No.		21HZA186
Model No.		Interface unit CC-Link
Applicable interface		USB 2.0 Full Speed
		CC-Link Ver. 1.10
		CC-Link Ver. 2.00
User Interface	Display	POWER (green), RUN (green), ERROR (red), EJ-CONNECT (green)
	Switch	Rotary switch×3 (Exchange number settings×2, communication speed settings×1)
Functions		Common protocols for USB and CC-Link, Readout of current value*, Current value hold (software hold), Parameter setting on EJ counter, Tolerance judgment value settings, Preset value settings, preset/zero-set clear, peak clear, error clear *1 Only Ver. 2.00 is supported with CC-Link.
Power supply		Power is supplied from 542-081A/542-081 (Cannot be charged via USB)
Operating temperature (humidity) ranges		0 to 50 °C (RH 20 to 80%, non-condensing)
Storage temperature (humidity) ranges		-10 to 60 °C (RH 20 to 80%, non-condensing)
CE Marking		EMC Directive: EN 61326-1 Immunity test requirement: Clause 6.2 Table 2 Emission limit: Class A RoHS Directive: EN IEC 63000

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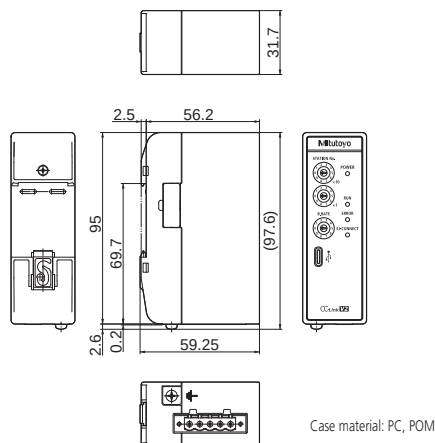
Order No.		21HZA149
Model No.		Interface unit USB
Applicable interface		USB 2.0 Full Speed
User Interface		POWER (green)
Functions		Readout of current value, Current value hold (software hold), Parameter setting on EJ counter, Tolerance judgment value settings, Preset value settings, preset/zero-set clear, peak clear, error clear
Power supply		Power is supplied from 542-081A/542-081 (Cannot be charged via USB)
Operating temperature (humidity) ranges		0 to 50 °C (RH 20 to 80%, non-condensing)
Storage temperature (humidity) ranges		-10 to 60 °C (RH 20 to 80%, non-condensing)
CE Marking		EMC Directive: EN 61326-1 Immunity test requirement: Clause 6.2 Table 2 Emission limit: Class A RoHS Directive: EN IEC 63000

DIMENSIONS

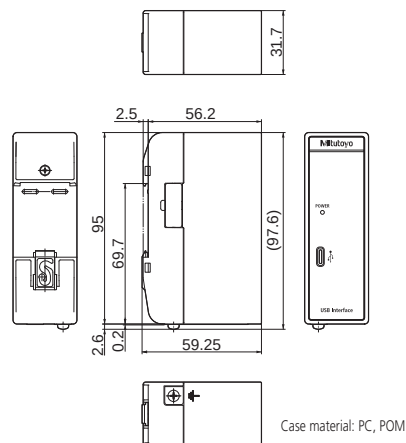
• 542-081A/542-081



• Interface unit CC-Link



• Interface unit USB



Unit: mm