F720B

STANDARD TYPE WEIGHING INDICATOR



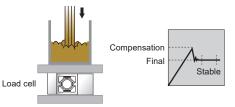








- CC-Link (Ver.2) option supported
- EtherNet/IP option supported Connect to EtherNet/IP network to build a system that manages measurement data & settings
- Dedicated software for RS-232C (Free software) Communicate through RS-232C interface; logging, graph display, parameter setting & calibration are possible
- Minus compensation Useful for high-pressure liquid filling & pressure feeding



- Input conversion value display
- Bright white LCD display with the useful 20 digits sub display
- Equivalent input calibration
- Multipoint calibration (Linearization)

External dimension (Front) (Side) 150 *1: External form of the rubber seal (Rear) Panel cutout size -89 • 138 +2 Unit: mm

Specifications

Analog	Excitation voltage	DC 10 V±5% Output current: Within 120 mA DC 5 V±5% Output current: Within 90 mA Remote sense type (Up to four 350 Ω load cells can be connected in parallel.) *At excitation voltage 10 V (Up to six 350 Ω load cells can be connected in parallel.) *At excitation voltage 5 V
	Signal input range	-1.0 to +5.5 mV/V
	Zero adjustment range	Automatic adjustment by digital processing -0.5 to $+2.0$ mV/V
	Span adjustment range	Automatic adjustment by digital processing +0.3 to +3.0 mV/V
	Linearization function	Can calibrate up to 3 points other than zero/span
	Min. input sensitivity	0.3 μV/count
	Accuracy	Non-linearity: Within 0.01% FS
		Zero drift: 0.0007% FS/°C typ. * When calibrated by 3 mV/V with 10 V of the excitation voltage
	Analog filter	Bessel type low-pass filter (-12 dB/oct.) Selectable at 2, 4, 6, 8 Hz
	Moving average filter	OFF, 2 to 512 times
	A/D converter	Speed: 300 times/sec.
Display	Display unit	Resolution: 24 bit (binary) Numerical display by liquid crystal display module
	Display unit	Main display: 8-digit (14.4 mm character height)
		Sub-display: 20-digit (4.3 mm character height)
	Display value	6-digit, sign: negative display at the highest digit
	Unit	None/ kg/ g/ t/ lb/ N
	Decimal point	0, 0.0, 0.00, 0.000, 0.0000
	Weight errors	LOAD: Sensor signal level is above the signal input range
		-LOAD: Sensor signal level is below the signal input range
		OFL1: Net weight is over the limit
		OFL2: Maximum weight value +9 scale division
	Diaplay fraguancy	OFL3: GROSS weight is over the limit 3, 6, 13 or 25 times
	Display frequency Status display	SP1/ SP2/ SP3/ COMPLETE/ TARE ON/ NET/ OUT1/ OUT2
External	Output signal	Open collector output
signal	(12 points)	Vceo = 30 V, Ic = 120 mA
9	Input signal	Non-voltage contact input
Interface	(8 points) SIF: 2-wire type seria	(Internal circuit power supply voltage 12 V)
	EIP: EtherNet/IP inte	e (Ver.2 supported) (Option) rface (Option) a output interface (Option)
		nication interface (Option)
General	485: RS-485 commul *Only one option can b	nication interface (Option) pe installed.
General performance	485: RS-485 commun *Only one option can be Power supply voltage	nication interface (Option) pe installed. AC 100 to 240 V (+10% -15%) (Free power source 50/60 Hz)
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	485: RS-485 commun 'Only one option can I Power supply voltage Power consumption Operating conditions Dimensions Weight AC input cord (Nomina Mini screwdriver FCN series I/O connec Jumper wire Operation manual.	inication interface (Option) be installed. AC 100 to 240 V (+10% – 15%) (Free power source 50/60 Hz) 12 W typ. Operation temperature: -10 to +50°C Storage temperature: -20 to +80°C Humidity: 85% RH or fless (non-condensing) 144(W) × 72(H) × 160(D) mm (Not including projections) Approx. 1.1 kg If rating 125 V) 3 m. 1 CC-Link connector 1 (when CC-Link option is selected) tor (with cover) 1 BCD output connector 1 drop-proof protection 1 (when DAC option is selected) tor terminal block 1 RS-485 connector 1
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Please note that there are possibilities of individual differences in a color tone on display devices such as LEDs fluorescent display tubes and LCDs due to manufacturing process or production lots

Structure of product code

F720B 2 1

① Standard unit

2 Interface

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Sign	Interface			
Standard	SI/F, RS-232C			

∴ One optional interface can be added

CCL	CC-Link (Ver.2)	
EIP	EtherNet/IP	
BCO	BCD output (Sink type)	
DAC	D/A converter (Current output)	
485	RS-485(Modbus-RTU/UNI-Format)	

