



Manual Loader : type A, B or D
 Auto/Manual station : type C
 Input : 4~20 mA, 0~1 K ohms
 Isolated 4~20 mA output
 85~265 V AC SMPS OR 20~35 V DC OR 24 V AC
 Accuracy : 1% typical
 Input fail indication

TABLE 1 : FUNCTION TYPE

Type	Input	Output	Mode
A	None	4~20 mA	Manual
B	0~1 K feedback	Relays	Manual
C	4~20 mA	4~20 mA	Auto / Manual
D	4~20 mA feedback	4~20 mA	Manual

SPECIFICATIONS

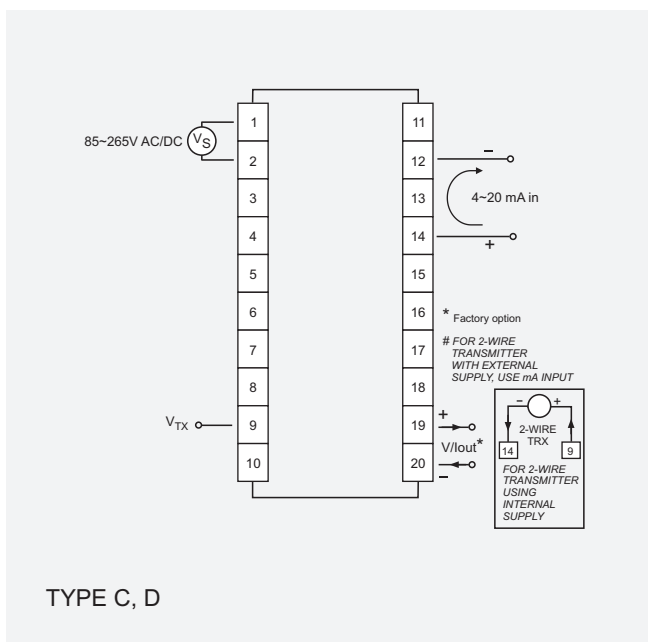
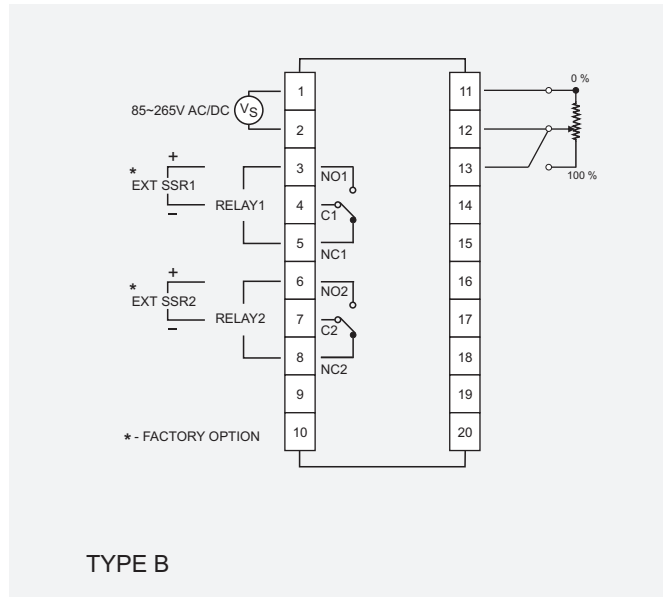
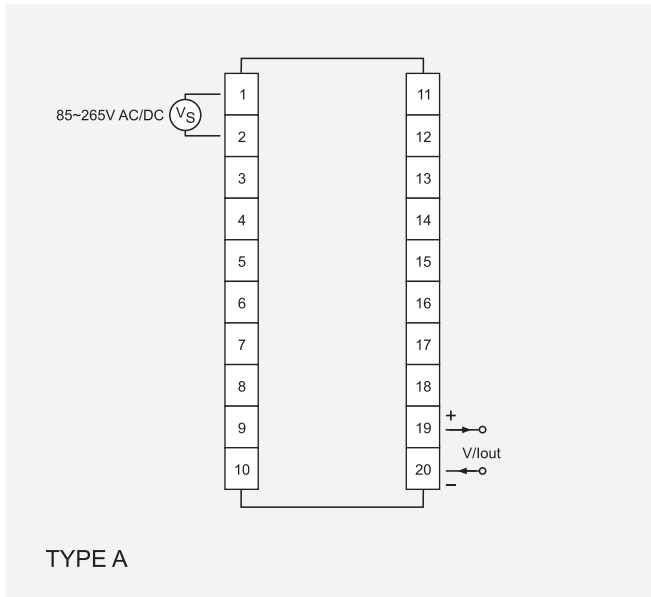
All specifications at ambient of 25 °C, unless specified otherwise

<p>FUNCTION TYPE</p> <p>Factory set See Table 1</p> <p>INPUT</p> <p>Resistance 0~1 K ohms Linear input 4~20 mA Load resistance for 4~20 mA input 250 Ω, internally provided Transmitter supply 22 V DC, nominal, 30 mA max Range limits See Table 2 Accuracy See Table 2 Temperature coefficient of accuracy 0.5% of span / 25 °C</p> <p>OUTPUTS</p> <p>Type B</p> <p>No. of relays 2 electromagnetic relays Relay contact type NO-C-NC Relay contact rating 5A / 230V AC, resistive SSR drive 12 V DC drive signal for external SSR</p> <p>Types A, C, D</p> <p>Current output 4~20 mA isolated from input Maximum load for current output 600 ohms Mutual isolation between input/output/supply 1 KV AC / 1 minute</p>	<p>INDICATION Display</p> <p>Upper : 4 digit, 7 segment 0.56" (14.2 mm) red LED display Lower : 4 digit, 7 segment 0.56" (14.2 mm) green LED display 2 LEDs for relay status</p> <p>Status indication</p> <p>OTHER</p> <p>Keyboard Tactile, 3 keys Enclosure construction Plug-in (circuit removable without affecting terminal wiring) Dimensions (in mm) 96(H) x 96(W) x 100(D) Mounting Panel mount Panel cutout 92 x 92 mm Supply voltage a) 85~265 V AC, 50/60 Hz b) 20~35 V DC c) 24 V AC ±10%, 50/60 Hz (Factory option)</p> <p>Power consumption 3 watts maximum Operating ambient temperature 0 ~ 50 °C Relative humidity Below 90%, non condensing</p>
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TABLE 2

INPUT	RANGE LIMITS (%)		RANGE IN WHICH ACCURACY IS SPECIFIED		TYPICAL ACCURACY AT 30 °C (%)	WORST CASE ACCURACY (%)
	LOW SCALE	HIGH SCALE	LOW SCALE	HIGH SCALE		
0~1 K ohms, 3-wire	0	100	0	100	± 1	± 2
4~20 mA	0	100	0	100	± 1	± 2

CONNECTION DIAGRAMS



ORDERING INFORMATION

2153 A*

A	Configuration			
	Type A	Type B	Type C	Type D
00	1	0	0	0
01	0	1	0	0
02	0	0	1	0
03	0	0	0	1

* The standard Input group is Input group 0.

Ordering Options

The following ordering options are available on request. Minimum order quantity and/or minimum order value may apply.

Option	Details
1. Analog output	0~10 V DC
2. Supply voltage	24 V DC
3. Supply voltage	24 V AC
4. SSR drive	For relay1, 2
5. Unit	°F



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SALES INQUIRIES

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