



SIGNAL REVERSE ISOLATION CONVERTER MRC/WRC/FRC SERIES

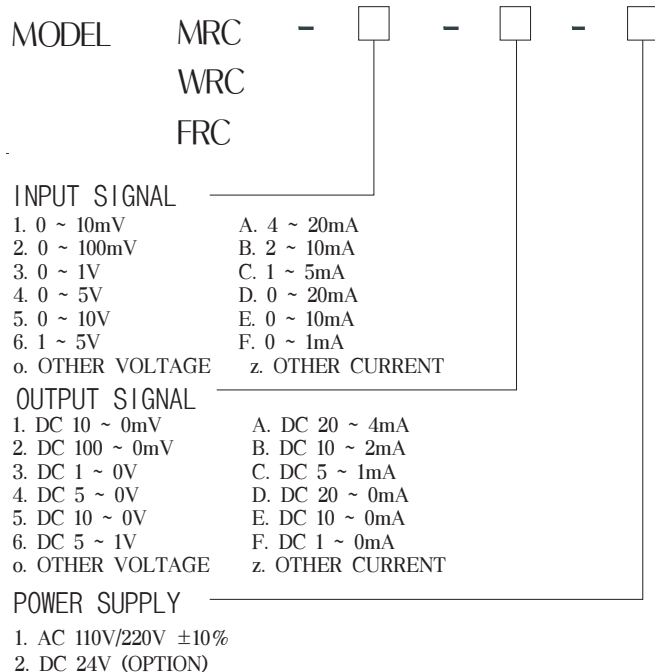
The signal reverse isolation converter Model MRC/WRC/FRC accepts standard process signal inputs and provides a reversed DC output.



□ MODEL MRC(1 OUT)



□ MODEL WRC(2 OUT)

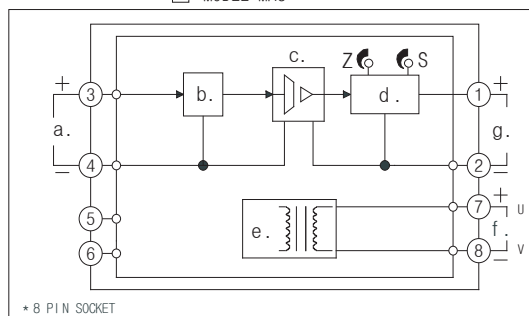


SPECIFICATION

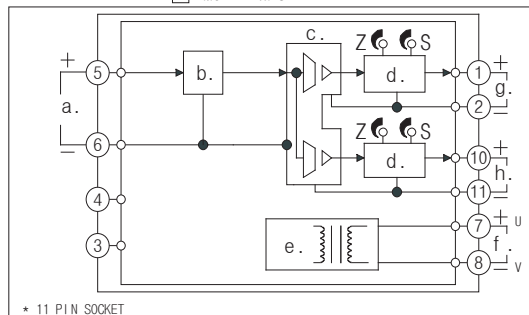
ITEM	SPECIFICATIONS
INPUT	DC VOLTAGE SIGNAL DC CURRENT SIGNAL
OUTPUT	DC VOLTAGE OR DC CURRENT SIGNAL
ACCURACY	$\pm 0.2\%$ of F.S
LINEARITY	$\pm 0.1\%$ of F.S
REPEATABILITY	$\pm 0.1\%$ of F.S
RESPONSE TIME	LESS THAN 0.5sec(0 ~ 90%)
INSULATION RESISTANCE	GREATER THAN 100M ohm (DC 500V)
DIELECTRIC STRENGTH	INPUT-POWER AC 1000V INPUT-OUTPUT AC 1000V (1 MIN) INPUT-GND AC 1000V
AMBIENT TEMPERATURE	-5 ~ +60°C
HUMIDITY	LESS THAN 90% RH

BLOCK DIAGRAM & CONNECTIONS

□ MODEL MRC



□ MODEL WRC



- a. INPUT
- b. LOW DRIFT AMPLIFIER
- c. ISOLATION
- d. OUTPUT DRIVER
- e. POWER
- f. POWER SOURCE
- g. OUTPUT 1
- h. OUTPUT 2
- i. OUTPUT 3
- j. OUTPUT 4
- k. OUTPUT 5

□ MODEL FRC

