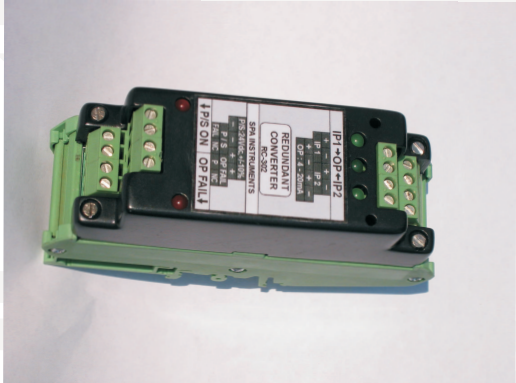




Solutions Per Applications

Redundant Converter RC-302

SERIES RC-302



Electronic Redundant Signal Selector is a specially designed instrument which accepts two no. of 4-20mA signals as I/p-1 & I/p-2. This instrument monitors both the inputs simultaneously and gives output 4-20mA corresponding to input which is greater. It gives an LED indication on the front fascia for the input which is at the output (healthy input). Similarly it monitors both the inputs for 10% above span and 10% below zero of the full range.

Output failure alarm and power supply failure alarms are provided. These alarms are normally closed type free potential free contacts. In output failure alarm, if different between any selected input and output is more than 5% or output is open, then NC alarm contact becomes NO. In power supply failure alarm, if power supply fails then NC alarm contact becomes open.

TECHNICAL SPECIFICATIONS		Mounting & Dimensional specifications	
Input Specifications		Mounting : DIN Rail	
Input	: 4-20mADC, 2 Nos.	size	: 45(W) X115(H)mm
Signal Failure Thresholds	: Below-10%-of zero, Above-10%-of span of the range	Enclosure	: ABS Plastic
Signal Switching	: Bumpless	Environmental Specification	
Healthy input Indication	: Green LED for inputs 1 & 2 individually	Rated temp.	: 5 to 55 Deg
Output Specifications		Humidity	: 90%RH noncondensing
Output Signal	: 4-20mADC Non isolated follows the healthy/greater input		
Loop Load	: 500 Ohms Max.		
Output failure alarm	: NC Contact, 2Amp, Red LED		
Isolation	: Power supply to input and output Galvanic 500VDC Magar		
Electrical Specifications			
Power Supply	: 24VDC.		
Allowable Variation	: ±10%		



AN ISO 9001: 2008 company

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