

# GAUGE INDICATORS - GR / ER

## CLOGGING INDICATOR - ELECTRICAL

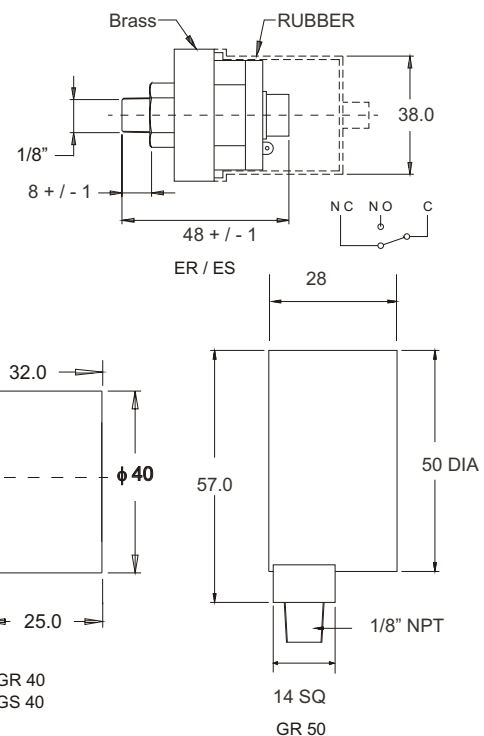
- MICRO SWITCH MAX. 3A - 250 V AC
- TEST PRESSURE 10 BAR
- WORKING TEMPERATURE TO + 85° C



MODEL	PRESSURE RANGE BAR	DIFFERENTIAL PRESSURE	
ER	0.5 - 8	0.4 ± 0.05	RETURN LINE
ES	0.15 - 8	0.1 ± 0.02	SUCTION LINE

## CLOGGING INDICATOR - VISUAL

G	R	- 40
GAUGE	R - RETURN	40 - 40 DIA
	S - SUCTION	50 - 50 DIA



## NOTES :

- PRESSURE DROP Vs FLOW DATA IS FOR COMPLETE **FILTER ASSEMBLY** WITH CLEAN ELEMENT
- WE RECOMMEND THE RETURN FILTERS ARE SIZED AT MAX. OF 0.35 BAR ( 5PSI ) CLEAN ELEMENT PRESSURE DROP IN ORDER TO OBTAIN SATISFACTORY ELEMENT SERVICE LIFE.
- WHEN SIZING A FILTER, APART FROM FLOW, THE RATE OF FLOW ARISING OUT OF DIFFERENTIAL PISTON DIA SHOULD BE TAKEN INTO ACCOUNT.
- INTERNAL FILTER BY PASS PROTECTS ELEMENT COLLAPSE UNDER CLOGGED CONDITION
- FILTER LIFE WILL BE INCREASED IF THE LINE SURGE CONDITION CAN BE MINIMISED
- SUCTION FILTERS ARE SIZED AT A MAX OF 0.03 BAR ( 0.5 PSI ) CLEAN ELEMENT PRESSURE DROP. RECOMMENDED OPERATING PRESSURE DROP SHOULD NOT EXCEED 50% OF BY PASS VALVE CRACK PRESSURE. BUT MAX. INLET VACUUM FOR SUCTION APPLICATIONS SHOULD COMPLY WITH PUMP MANUFACTURER'S RECOMMENDATION.