

Mechanically Operated Signal Devices TCR-Line

Microswitches

The TCR-module with microswitches converts the end positions or middle positions of the actuator into electrical signals.

The microswitch in the body is commonly used in cases where there are no special requirements or the working voltage should be set free.

The microswitch with its compact design is very suitable for mounting into the housing. When used as a potential free contact, the switch provides a very wide range of controlling possibilities.

The fully adjustable serrated cams are locked together to ensure that the adjusted setting is secured against any vibration.



ADVANTAGES

- "Open" and "Closed" position is easily adjusted by the switch cams,
- easy mounting by using screws with almost all components,
- terminal block to connect solenoid valves.

TECHNICAL DATA

Manufacturer:	Crouzet	Crouzet
Type:	83 161 301	83 161 801
Switched loads	16 A, 250 V ~	0.1 A, 250 V ~
acc. to UL + CSA		
Contacts:	silver-nickel	gold alloy
Mechanical life:	2×10^7	5×10^7
Sealing (Housing):	EPDM, NBR or silicon	
Ingress protection:	IP 65	IP 65
acc. to IEC 529 / DIN 40 050		
Switching precision		
of the unit:	1.5°	1.5°
Temp. range:	- 20 to + 100 °C	- 25 to + 85 °C
Base:	Vestamid black	
Cover:	Makrolon clear, Vestamid black or Aluminium nickel plated	
Prov. connection:	M20 x 1.5	
solenoid connection:	M12 x 1.5	



WIRING DIAGRAM

