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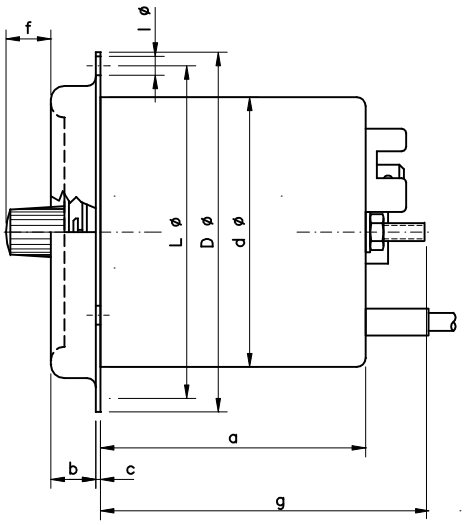
04.36
Electromechanical temperature controller
For Front Panel Mountig with 3-Hole Front Flange
(With bimetall compensation)



Type	a	b	c	d	f	D	l	L	g
3060.1 F	60	9	0,5	60	13	80	4,2	74	75
3080.1 F	58	12	0,5	80	13	105	5,2	96	75
3100.1 F	60	7,5	0,8	102	13	132	4,5	116	75

Case:	Steel sheet corrosion protected
Mounting:	Front panel mounting with 3-Hole front flange
Front flange:	Inox polished
Window:	Glass, clear
Measuring system:	Double bourdon spring system, with bimetall compensation
Scale:	White - with black prints
Scale length:	approx. 270 <°
Graduation:	1°, 2°, 5°, 10° depending on range
Range:	Between -80 ... +380°C
Accuracy:	± 2% at 23°C ambient temperature
Pointer:	Measuring pointer black - set pointer red
Contact:	1 single pole contact microswitch, adjustable over hole range frontside with PVC-knop
Switching capacity:	5A/3A @125/250 VAC, 40...60 Hz
Switching differential:	approx. +2% of range “switching at falling temperature” approx. -2% of range “switching at rising temperature”
Electrical connection:	AMP connector, size 6.3 acc. to EN 60730
Protection:	Case IP 53, terminals IP 00 acc. to DIN 60529
QMS:	DIN EN ISO 9001
Options: (on request)	- IP 55 by using a protection cap for the terminals - contact setting with screwdriver or special key - factory setted fixed set point - factory setted fixed maximum set stop

Important Advise:

**Please use RC units to protect contacts from high voltage peaks.
Inductive loads allways has to be switched by suitable relais.**

ISO 9001:2008
Reg.no. 12 100 24343 TMS

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