

# Hermetically sealed microswitches

With accessories

(basic cell -55° +150°C 83 151 001)



## Part numbers

							2-POLE	2-POLE	
Soldered connections	W2	83 151 012	83 151 014	83 151 013	83 560 011	83 560 012	83 560 014	83 560 311	83 560 312
	W2 N	83 151 042	83 151 044	83 151 043	83 560 041	83 560 042	83 560 049	83 560 341	83 560 342
Wire 0.38 mm <sup>2</sup> 0.5 m long	with parallel wires	83 151 022	83 151 024	83 151 023	83 560 021	83 560 022		83 560 321	83 560 322
	perpendicular	83 151 032	83 151 034	83 151 033	83 560 031	83 560 032		83 560 331	83 560 332
Mounting by flange		•	•		•	•		•	•
	by threaded barrel reinforced			•			•		
Control	via simple actuator				•		•	•	
	via roller actuator					•			•
Max. operating force	N	10	10	10	5	5	2.5 -> 8	15 N	15 N
Min. release force	N	1.5	1.5	1.5	0.5	0.5	1.5	1.5 N	1.5 N
Permitted overtravel force	N	20	20	20			50		
Positive overtravel stop							•		
Service life (operations - min)		200,000	200,000	200,000	100,000	100,000	100,000	100,000	100,000
Max. pre-travel	mm	0.25	0.25	0.25	6	6	0.3 -> 0.75	6	6
Max. differential travel	mm	0.05	0.05	0.05	0.8	0.8	0.3	1.5	1.5
Min. overtravel	mm	0.08	0.08	0.08	0.4 -> 0.8	0.4 -> 0.8	0.3	0.4 -> 0.8	0.4 -> 0.8
Weight (without wires)	g	5	5	13	6	7	21	12	13

Add the dimensions of the various connections

to find the total dimensions

➔ indicates the wire direction

01 - Tripping point

111 - 2.5 x 17/flat

## Panel cut-out

