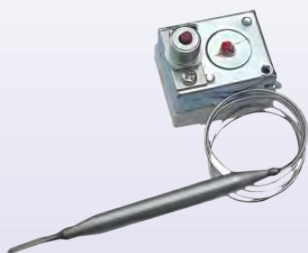
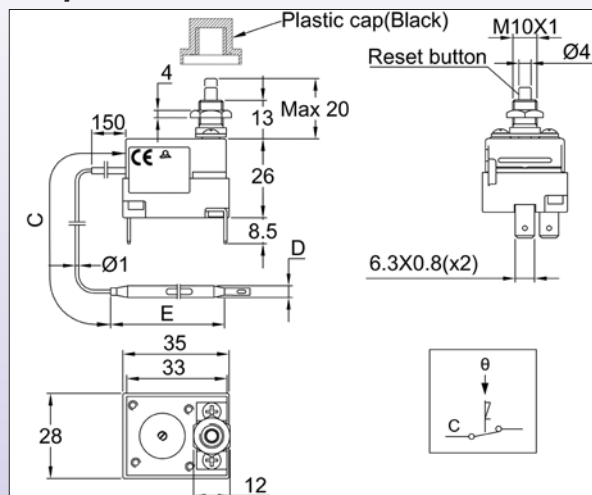


# Main bulb and capillary thermostats used in the Y housings

## Type 8L SPNC manual reset high limit, fail safe



**Housing dimensions:** 43 x 35 x 29 mm (without terminals)  
**Bulb and capillary:** stainless steel, capillary length 250mm or 1500 mm, 150 mm long PVC sleeve on capillary. Capillary minimum bending radius 5 mm.  
 Temperature sensing element: liquid filled bulb and capillary.  
**Terminals:** 6.35 x 0.8 quick connect terminals (M4 screws also available on request),  
**Adjustment:** fixed setting, sealed  
**Manual reset:** fail safe, fixed setting, front access reset button  
 Fail safe contact action by low temperature: Temperatures under -10°C will trigger the manual reset.  
**Mounting:** Front bushing, M10 x1 thread  
**Rating:** 16A 250/400VAC  
**Contacts:** SPST (snap action contact)  
**Max ambient temperature on body:** 150°C



### Main references

Reference	Calibration Temperature (°C)	Minimum resettable temperature (°C)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	Max temperature on bulb (°C)
8L0080105AO61001	80+/-8	52	1500	6	77	105
8L0080105AA61001	80+/-8	52	250	6	77	105
8L0090115AO61001	90+/-8	60	1500	6	77	115
8L0110135AO61001	110+/-8	75	1500	6	77	135
8L0130155AO61001	130+/-8	80	1500	6	74	155
8L0150175AO61001	150+/-8	95	1500	6	74	175
8L0175200AO41001	175+/-8	115	1500	4	95	200
8L0220245AO41001	220+/-11	140	1500	4	90	245
8L0270295AO41001	270+/-13	160	1500	4	85	295
8L0300325AO41001	300+/-15	160	1500	4	82	325

Other temperatures and capillary lengths on request.

Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice

