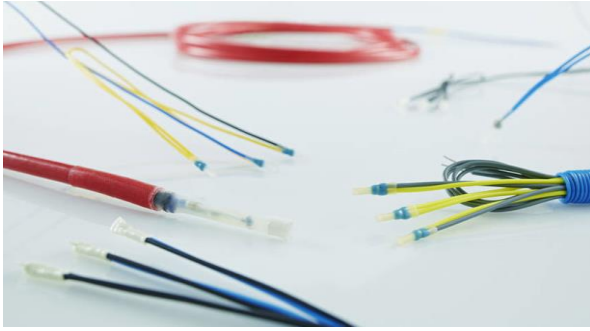


# UPL Series



## FEATURES

- UPL Series PTC thermistors as limit temperature sensors (Motor protection, single sensors)
- Thermistor pellet with insulating encapsulation, low-resistance type, steep R/T curve
- Extremely fast response due to small dimensions, Characteristics for sensing temperatures, RoHS-compatible.

## GENERAL TECHNICAL DATE

Max, operating voltage	(TA = 0,...40°C)	V max	30	V DC
Max, operating voltage	(TA = -25 Tsense + 23K)	V meas/max	7.5	V DC
Rated resistance	(VPTC ≤ 2.5V)	RR	≤ 100	Ω
Insulating test voltage		Vins	2.5	KV AC
Thermal threshold time		ta	< 3	s
Operating temperature range	(V ≤ Vmeas/max)	Tφ	-25/Tsense+23	°C
Operating temperature range	(V=V max)	Tφ	0/+40	°C

## COLOR CODING OF UPL Series Wire's

T sense °C	Color	T sense °C	Color
60	White/Grey	140	White/Blue
70	White/Brown	145	White/Black
80	White/White	150	Black/Black
90	Green/Green	155	Blue/Black
100	Red/Red	160	Blue//Red
110	Brown/Brown	170	White/Green
120	Grey/Grey	180	White/Red
130	Blue/Blue		