URECON
PRE-INSULATED PIPE

PROGRAM CODES FOR USE WITH STANDARD TEMPERATURE SENSOR (URTD-xx-y)

Program code # for use with 100 ohms RTD on plastic pipe		01	02	03	04	05	06	07	08	11	12	13	14	15	16	17	18
Function	**Range**																
TS 1 control setpoint	-5 to +75 degree C	3 °C	3 °C	5 °C	5 °C	10 °C	10 °C	15 °C	15 °C	3 °C	3 °C	5 °C	5 °C	10 °C	10 °C	15 °C	15 °C
Low TS 1 alarm enabled	No or Yes	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes
Low TS 1 alarm setpoint	-10 to +75 degree C	-	1 °C	-	3 °C	-	5 °C	-	10 °C	-	1 °C	-	3 °C	-	5 °C	-	10 °C
TS 2 enabled	No or Yes	no	no	no	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes
TS 2 control setpoint	-5 to +75 degree C	-	-	-	-	-	-	-	-	3 °C	3 °C	5 °C	5 °C	10 °C	10 °C	15 °C	15 °C
Low TS 2 alarm enabled	No or Yes	-	-	-	-	-	-	-	-	no	yes	no	yes	no	yes	no	yes
Low TS 2 alarm setpoint	-10 to +75 degree C	-	-	-	-	-	-	-	-	-	1 °C	-	3 °C	-	5 °C	-	10 °C
TS 3 enabled	No or Yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
TS 3 high limit cutout	25 to 100 degree C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C
TS1 and TS 2 deadband	1 to 5 degree C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C
TS type	100 ohms RTD or 2252 ohms Thermistor	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD
Latch TS failure alarms	No or Yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
TS failure mode	Off or On	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on
Override input mode	Manual = 0 or Timed = 1 to 48 hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Override output state	Off or On	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on
Active override input state	Open or Closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed
Ground fault trip enabled	No or Yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Ground fault alarm current level	30 or 100mA	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Auto-cycle	No or Yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

Program code # for use with 100 ohms RTD on metal pipe		21	22	23	24	25	26	27	28	31	32	33	34	35	36	37	38
Function	**Range**																
TS 1 control setpoint	-5 to +75 degree C	3 °C	3 °C	5 °C	5 °C	10 °C	10 °C	15 °C	15 °C	3 °C	3 °C	5 °C	5 °C	10 °C	10 °C	15 °C	15 °C
Low TS 1 alarm enabled	No or Yes	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes
Low TS 1 alarm setpoint	-10 to +75 degree C	-	1 °C	-	3 °C	-	5 °C	-	10 °C	-	1 °C	-	3 °C	-	5 °C	-	10 °C
TS 2 enabled	No or Yes	no	no	no	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes
TS 2 control setpoint	-5 to +75 degree C	-	-	-	-	-	-	-	-	3 °C	3 °C	5 °C	5 °C	10 °C	10 °C	15 °C	15 °C
Low TS 2 alarm enabled	No or Yes	-	-	-	-	-	-	-	-	no	yes	no	yes	no	yes	no	yes
Low TS 2 alarm setpoint	-10 to +75 degree C	-	-	-	-	-	-	-	-	-	1 °C	-	3 °C	-	5 °C	-	10 °C
TS 3 enabled	No or Yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
TS 3 high limit cutout	25 to 100 degree C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TS1 and TS 2 deadband	1 to 5 degree C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C	1 °C
TS type	100 ohms RTD or 2252 ohms Thermistor	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD	RTD
Latch TS failure alarms	No or Yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
TS failure mode	Off or On	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on
Override input mode	Manual = 0 or Timed = 1 to 48 hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Override output state	Off or On	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on
Active override input state	Open or Closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed
Ground fault trip enabled	No or Yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Ground fault alarm current level	30 or 100mA	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Auto-cycle	No or Yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes