

**MULTI THERMOCOUPLE & RESISTANCE TEMPERATURE DETECTOR**

- R511 : THERMOCOUPLE, SINGLE ELEMENT**
- R512 : THERMOCOUPLE, DOUBLE ELEMENT**
- R521 : RTD, SINGLE ELEMENT**
- R522 : RTD, DOUBLE ELEMENT**



**ORDERING INFORMATION**

BASE MODEL - 1st thru 4th characters

R511 : THERMOCOUPLE, SINGLE ELEMENT

R521 : RTD, SINGLE ELEMENT

R512 : THERMOCOUPLE, DOUBLE ELEMENT

R522 : RTD, DOUBLE ELEMENT

**5th Character**

CODE	HEAD TYPE
0	General & Protection Tube
1	General
2	Explosion Proof & Protection Tube
3	Explosion Proof
9	Other

**6th Character**

CODE	HEAD EXTENSION TYPE & SEALING LOCATION
0	Nipple & Head
1	Nipple & Flange
2	Union- Nipple & Head
3	Union- Nipple & Flange
4	Nipple & Reducer Flange
5	Union- Nipple & Reducer Flange
9	Other

**7th Character**

CODE	ELEMENT TYPE
K	K
J	J
T	T
E	E
Q	Pt 100Ω (Ceramic Type)
Z	Other

**8th Character**

CODE	NUMBER OF MEASURING TEMPERATURE POINTS
A	2
B	3
C	4
D	5
E	6
F	7
G	8
H	9
J	10
K	11
L	12
M	13
N	14
P	15
Z	Other

**9th Character**

CODE	SHEATH OUTDIA METER
0	1.6mm
1	3.2mm
2	4.8mm
3	6.4mm
4	8.0mm
5	1.6mm/Weld Pad
6	3.2mm/Weld Pad
7	4.8mm/Weld Pad
8	6.4mm/Weld Pad
9	8.0mm/Weld Pad

**10th Character**

CODE	SHEATH MATERIAL
1	316SS
2	INCONEL 600
3	310SS
4	446SS
5	347SS
6	321SS
9	Other

**11th Character**

CODE	PROTECTION TUBE MATERIAL
0	None
1	304SS
2	316SS
3	INCONEL 600
4	310SS
5	446SS
6	347SS
7	321SS
9	Other

**12th Character**

CODE	PROCESS CONNECTION
0	1"
1	1 1/4"
2	1 1/2"
3	2"
4	2 1/2"
5	3"
6	4"
7	6"
9	Other

RD05 - 01

**13th Character**

CODE	PROCESS CONNECTION TYPE
A	NPT
B	PT
C	ANSI 150# RF
D	ANSI 150# FF
E	ANSI 300# RF
F	ANSI 300# FF
G	ANSI 600# RF
H	ANSI 600# FF
J	ANSI 900# RF
K	ANSI 900# FF
L	ANSI 1500# RF
M	ANSI 1500# FF
N	ANSI 1500# RTJ
P	ANSI 2500# RF
Q	ANSI 2500# FF
R	ANSI 2500# RTJ
S	JIS 10K RF
T	JIS 10K FF
U	JIS 20K RF
V	JIS 20K FF
Z	Other

**14th Character**

CODE	INSERT LENGTH
A	2m
B	3m
C	4m
D	5m
E	6m
F	7m
G	8m
H	9m
J	10m
K	15m
L	20m
M	25m
N	30m
P	35m
Q	40m
R	45m
S	50m
Z	Other

NOTE Please choose the longest among measuring points.

**15th Character**

CODE	OPTIONS
0	None
1	Accessories

**R51101KC1122DD0**  
**SAMPLE ORDERING NUMBER**