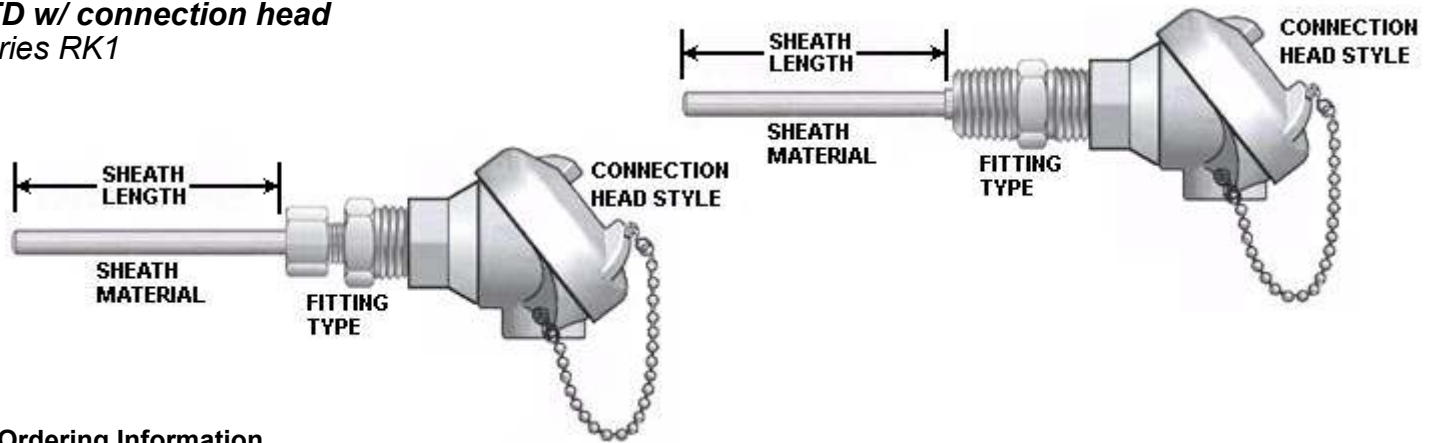


East Coast Sensors

RTD w/ connection head Series RK1



Ordering Information Part Number

① RK1	② Element Type	③ Element Accuracy	④ Wire Config.	⑤ Sheath Diameter	⑥ Sheath Length (whole In.)	⑦ Sheath Length (frac. In.)	⑧ Head Mounting fitting	⑨ Connection head style	⑩ Special Features	⑪ Attached Fitting	⑫ Insert Length (whole In.)	⑬ Insert Length (frac.)	⑭ Trans. temp range	⑮ Scale of Temp.
RK1														

Optional

② Element type	② Element type
T	100 Ω DIN 00385 (thin film)
U	500 Ω DIN 00385 (thin film)
W	1000 Ω DIN 00385 (thin film)
X	120 Ω Nickel DIN 00672 (thin film)
Y	100 Ω DIN 003916 (wire wound)
Z	500 Ω DIN 003916 (wire wound)
Q	10 Ω copper (thin film)

③ Element Accuracy (0 °C)	③ Element Accuracy (0 °C)
A	Class A (0.06%)
B	Class B (0.12%)

④ Wire Configuration	④ Wire Configuration
2	2-wire
3	3-wire
4	4-wire
5	2-wire (Dual)
6	3-wire (Dual)

⑤ Sheath Diameter	⑤ Sheath Diameter
H	.125" (3.2mm) (1/8")
J	.156" (4mm)
L	.188" (4.6mm) (3/16")
M	.236 (6mm)
N	.250" (6.4mm) (1/4")
P	.314" (8mm) (5/16")
Q	.375" (9.5mm) (3/8")
Note	For reference only (standard tolerances apply)
Note	For other diameters consult factory

⑥ Sheath Length (whole In.)	⑥ Sheath Length (whole In.)
002"-060"	Specify in Inches
Note	For longer lengths consult factory

⑦ Sheath Length (fractional In.)	⑦ Sheath Length (fractional In.)
A	0
B	1/8"
C	1/4"
D	3/8"
E	1/2"
F	5/8"
G	3/4"
H	7/8"

⑧ Head Mounting Fitting	⑧ Head Mounting Fitting
06	1/2"npt x 1/2"npt double thread
07	1/2"npt double thread Spring loaded
08	1/2"npt x 1/2"npt double thread spring loaded w/oil seal
09	1/2"npt x 3/4"npt double thread
10	3/4"npt x 3/4"npt double thread
12	Single threaded brass compression fitting (no process thread)
13	Single threaded stainless compression fitting (no process thread)
14	1/2"npt x 1"npt double thread
15	1/2"npt x 1/4"npt double thread
16	1/4"npt x 1/4"npt double thread
17	1/2"npt single thread bushing (no process thread)
18	1/4"npt single thread bushing (no process thread)
Note	Fittings silver soldered (brazed) to sheath
Note	For other fittings not shown contact factory

See next page for optional attached fittings & special features (Fields 10,11,12,13,14 &15)

⑨ Connection Head Style	⑨ Connection Head Style
A	Cast Aluminum (standard) NEMA 6 IP67 rated
B	Small cast Aluminum
C	Flip top head cast aluminum
D	Cast steel
E	Stainless Steel
F	Cast Iron
G	Polypropylene
H	Explosion proof cast aluminum
Q	Explosion proof 316 Stainless steel
R	Explosion proof cast aluminum DUAL conduit
S	Mini aluminum screw down cover
W	Cast Aluminum NEMA 4X IP68 rated

Optional

⑩ Special features (optional)	⑩ Special features (optional)
Note	See next page

⑪ Attached Fitting (optional)	⑪ Attached Fitting (optional)
Note	See next page

⑫ Insertion length (whole in.)	⑫ Insertion length (whole in.)
Note	See next page

⑬ Insertion Length (frac.in.)	⑬ Insertion Length (frac.in.)
Note	See next page

⑭ Transmitter Temperature Range	⑭ Transmitter Temperature Range
Note	See next page

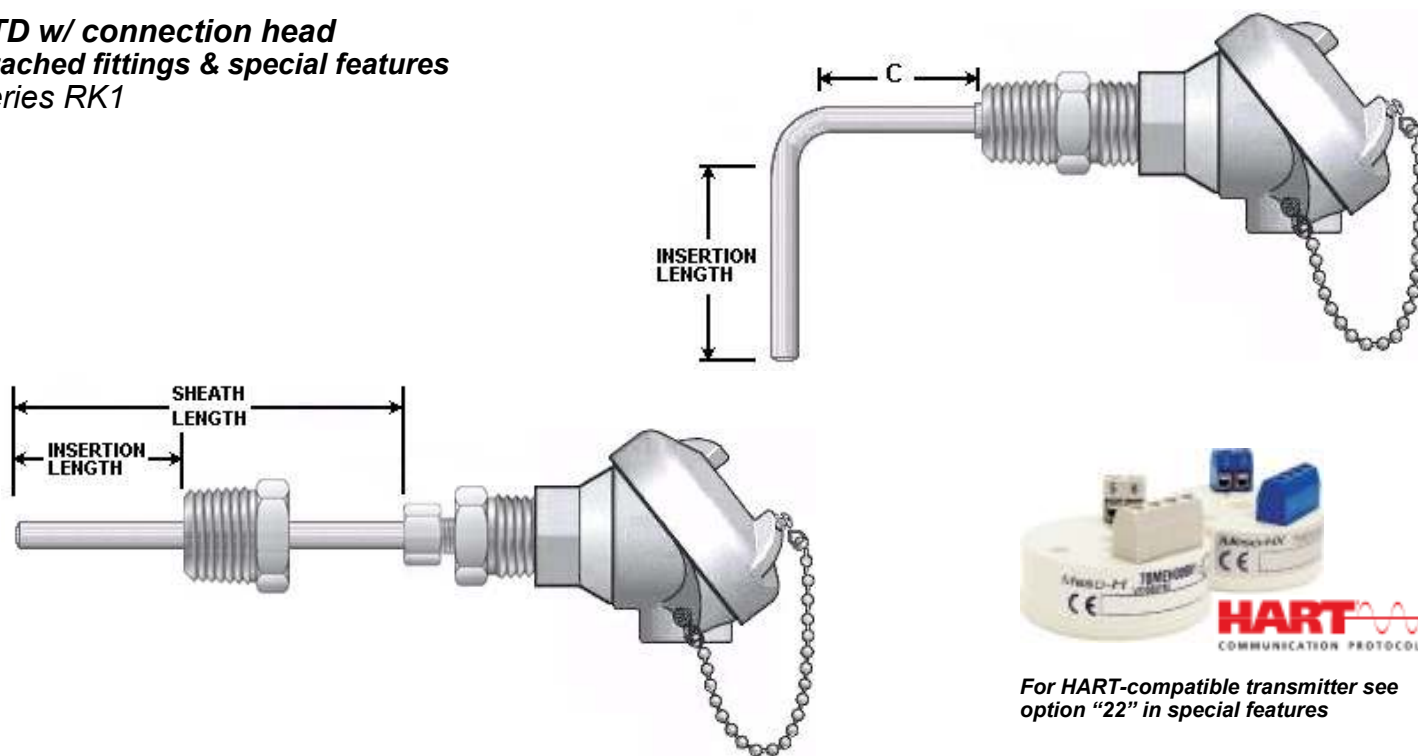
⑮ Transmitter scale of temperature	⑮ Transmitter scale of temperature
Note	See next page

For Low profile, basic programmable 4/20 MA transmitter see option "17" in special features



East Coast Sensors

RTD w/ connection head
attached fittings & special features
Series RK1



For HART-compatible transmitter see option "22" in special features

Ordering Information Part Number

For transmitter only

Continue part number from previous page

⑩ Special Features	⑪ Attached Fitting	⑫ Insertion Length (whole in.)	⑬ Insertion Length (Frac.in.)

⑭ Transmitter temperature range	⑮ Scale of Temperature

⑩ Special features (Optional)
Note Leave blank for no special features
04 Flat tip probe
17 4/20 Milliamp transmitter (hockey puck style) (See step 14&15)
24 Fluoropolymer covered probe
28 90 Degree bend
30 45 Degree bend

⑪ Attached Fitting type (optional)
Note Leave blank for no attached fitting
F01 1/8"npt single thread
F02 1/4"npt single thread
F03 3/8"npt single thread
F04 1/2"npt single thread
F05 3/4"npt single thread
F06 1/2"npt x 1/2"npt double thread
F07 1/2"npt double thread Spring loaded
F08 1/2"npt x 1/2"npt double thread Spring loaded w/oil seal
F09 1/2"npt x 3/4"npt double thread
F10 3/4"npt x 3/4"npt double thread
F11 Fixed 7/16"ID bayonet cap assembly (on probe) (1/8"OD, 3mmOD & 3/16"OD)
F15 1"npt single thread
F16 Adjustable 7/16"ID bayonet cap fitting (1/8"OD & 3mm OD)
F17 Adjustable 12.5mm ID double slot bayonet cap fitting (1/8"OD & 3mm OD)
F18 1/8"npt compression fitting (Brass)
F19 1/8"npt compression fitting (Stainless steel)
F20 1/4"npt compression fitting (Brass)
F21 1/4"npt compression fitting (Stainless steel)
Note For other fittings not shown contact factory

⑫ Insertion Length (in.) (optional)	
001"-144"	Specify in Inches
Note	See pg. for attached fitting illustrations

⑬ Insertion Length (fractional in.)	
A	0
B	1/8"
C	1/4"
D	3/8"
E	1/2"
F	5/8"
G	3/4"
H	7/8"



Option "17"
4/20 Milliamp transmitter
(hockey puck style)

For transmitter only

⑭ Transmitter temperature range (Optional)	
0-0000	Specify temperature range (example: 0-1200°F)

⑮ Transmitter Scale of temperature (Optional)	
F	(°F) Fahrenheit
C	(°C) Celsius