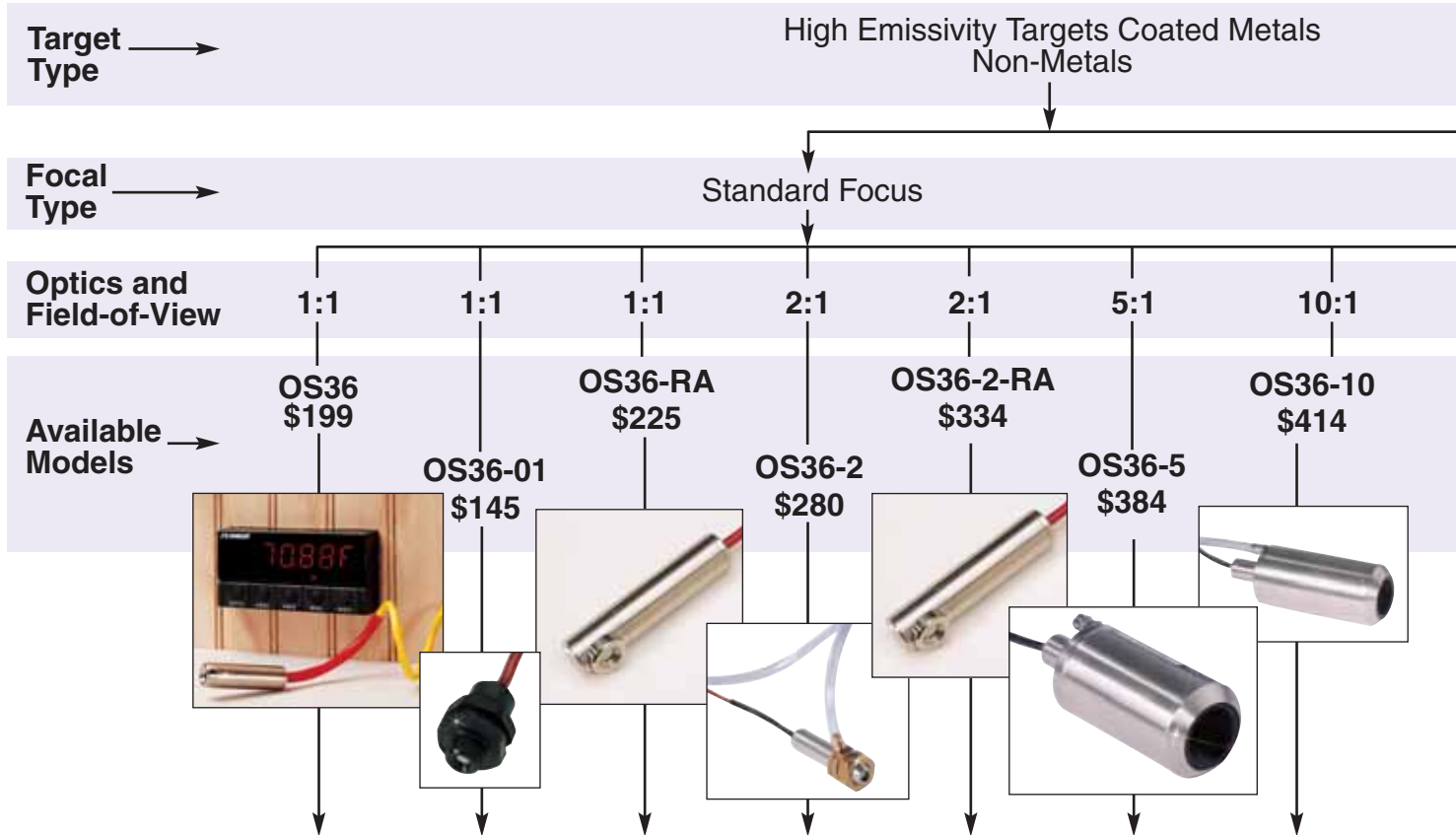




Infrared Thermocouple



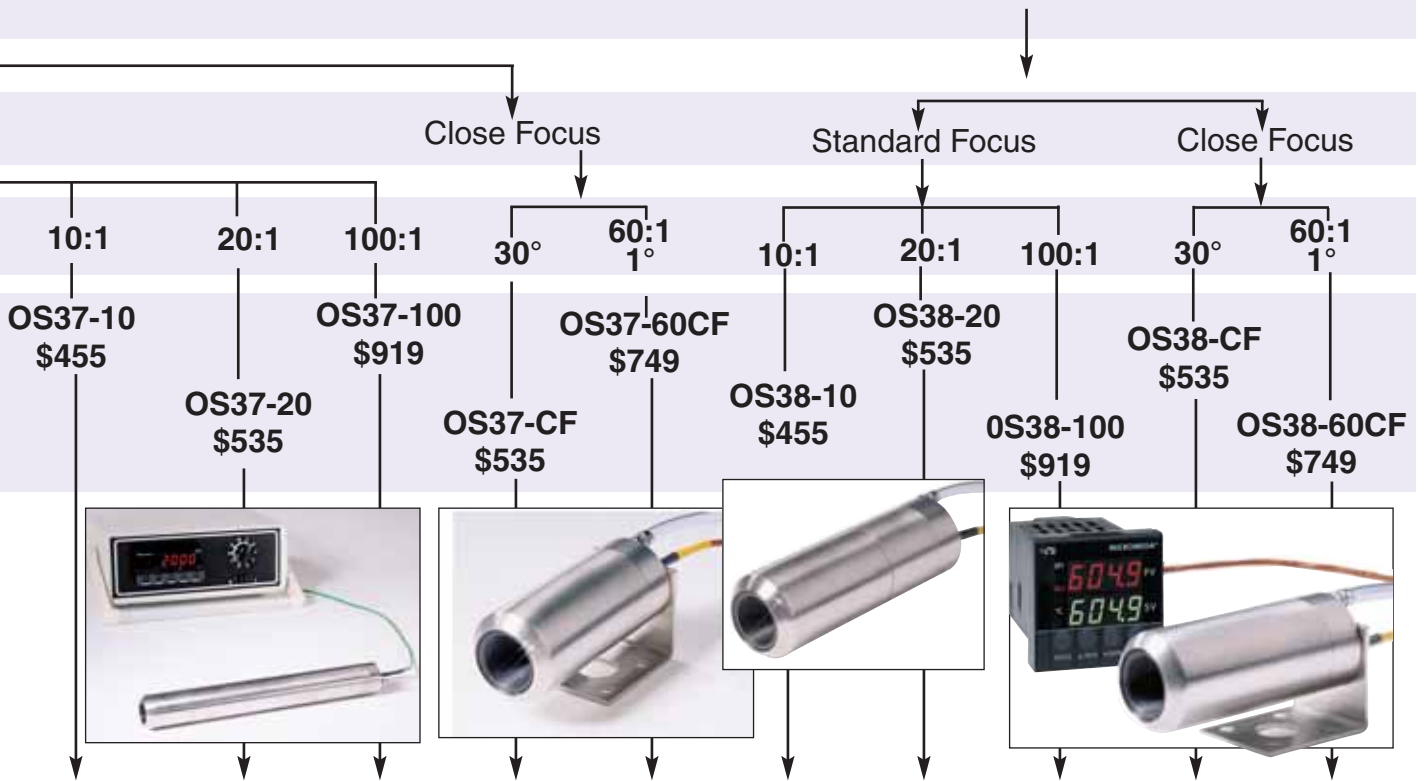
Output Types	J/K/T/E	J/K/T/E	J/K/T/E	J/K/T/E	J/K/T/E	J/K/T/E	J/K/T/E
Minimum† Spot Size @ Distance -45 to 260°C (-50 to 500°F)	8 mm (0.3") @ near touching	8 mm (0.3") @ near touching	8 mm (0.3") @ near touching	4 mm (0.16") @ near touching	4 mm (0.16") @ near touching	20 mm (0.8") @ 0 to 100 (0 to 4")	20 mm (0.8") @ 0 to 200 mm (0 to 8")
Minimum† Spot Size @ Distance 260 to 540°C (500 to 1000°F)	8 mm (0.3") @ near touching	—	8 mm (0.3") @ near touching	4 mm (0.16") @ near touching	4 mm (0.16") @ near touching	20 mm (0.8") @ 0 to 100 mm (0 to 4")	20 mm (0.8") @ 0 to 200 mm (0 to 8")
Minimum† Spot Size @ Distance 540 to 1100°C (1000 to 2000°F)	—	—	—	—	—	20 mm (0.8") @ 0 to 100 mm (0 to 4")	20 mm (0.8") @ 0 to 200 mm (0 to 8")
Minimum† Spot Size @ Distance 2000 to 4000°F (1100 to 2200°C)	—	—	—	—	—	—	—
Measurement Range	-45 to 650°C (-50 to 1200°F)	-45 to 290°C (-50 to 550°F)	-45 to 650°C (-50 to 1200°F)	-45 to 1100°C (-50 to 2000°F)	-45 to 1100°C (-50 to 2000°F)	-45 to 1100°C (-50 to 2000°F)	-45 to 1370°C (-50 to 2500°F)
Adjustable Linear Range	N	N	N	N	N	N	N
Right Angle View	N	N	Y	N	Y	N	N
Built-In Purge	N	N	N	Y	Y	Y	Y
Page No.	J-61	J-63	J-61	J-64	J-64	J-66	J-67

* Measurements above T/C table values are possible using radiation laws. Polynomials available on request. Refer to page no. for complete specs.
 † Aperture stops in kit supplied with unit define temperature range and spot size.

Selection Guide



Low Emissivity Targets Coated Clean Metals



J/K	J/K	R/S	J/K/T/E	R/S	J/K	J/K	R/S	J/K	R/S
20 mm (0.8") @ 0 to 200 mm (0 to 8")	20 mm (0.8") @ 0 to 400 mm (0 to 16")	—	2 x 15 mm (0.1 x 0.6") @ 40 mm (1.6")	—	—	—	—	—	—
13 mm (0.5") @ 0 to 125 mm (0 to 5")	20 mm (0.8") @ 0 to 400 mm (0 to 16")	—	2 x 15 mm (0.1 x 0.6") @ 40 mm (1.6")	—	20 mm (0.8") @ 0 to 200 mm (0 to 8")	—	—	—	—
13 mm (0.5") @ 0 to 125 mm (0 to 5")	13 mm (0.5") @ 0 to 255 mm (0 to 10")	20 mm (0.8") @ 0 to 2000 mm (0 to 80")	2 x 15 mm (0.1 x 0.6") @ 40 mm (1.6")	6 mm (0.25") @ 300 mm (12")	13 mm (0.5") @ 0 to 125 mm (0 to 5")	13 mm (0.5") @ 0 to 250 mm (0 to 10")	20 mm (0.8") @ 0 to 2 m (0 to 80")	2 x 15 mm (0.1 x 0.6") @ 40 mm (1.6")	6 mm (0.25") @ 300 mm (12")
6 mm (0.25") @ 0 to 63 mm (0 to 2.5")	6 mm (0.25") @ 0 to 125 mm (0 to 5")	13 mm (0.5") @ 0 to 1250 mm (0 to 50")	2 x 15 mm (0.1 x 0.6") @ 40 mm (1.6")	6 mm (0.25") @ 300 mm (12")	6 mm (0.25") @ 0 to 63 mm (0 to 2.5")	6 mm (0.25") @ 0 to 125 mm (0 to 5")	13 mm (0.5") @ 0 to 1250 mm (0 to 50")	2 x 15 mm (0.1 x 0.6") @ 40 mm (1.6")	6 mm (0.25") @ 300 mm (12")
-45 to 1370°C (-50 to 2500°F)	260 to 1650°C (500 to 3000°F)	540 to 2760°C (1000 to 5000°F)	-18 to 1370°C (0 to 2500°F)	540 to 2200°C (1000 to 4000°F)	260 to 1370°C (500 to 2500°F)	540 to 1930°C (1000 to 3500°F)	820 to 2760°C (1500 to 5000°F)	260 to 1370°C (500 to 2500°F)	1500 to 2500°C (820 to 4500°F)
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
N	N	N	N	N	N	N	N	N	N
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
J-70	J-70	J-70	J-69	J-69	J-70	J-70	J-70	J-69	J-69

Note: Meters sold separately, see section M.



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