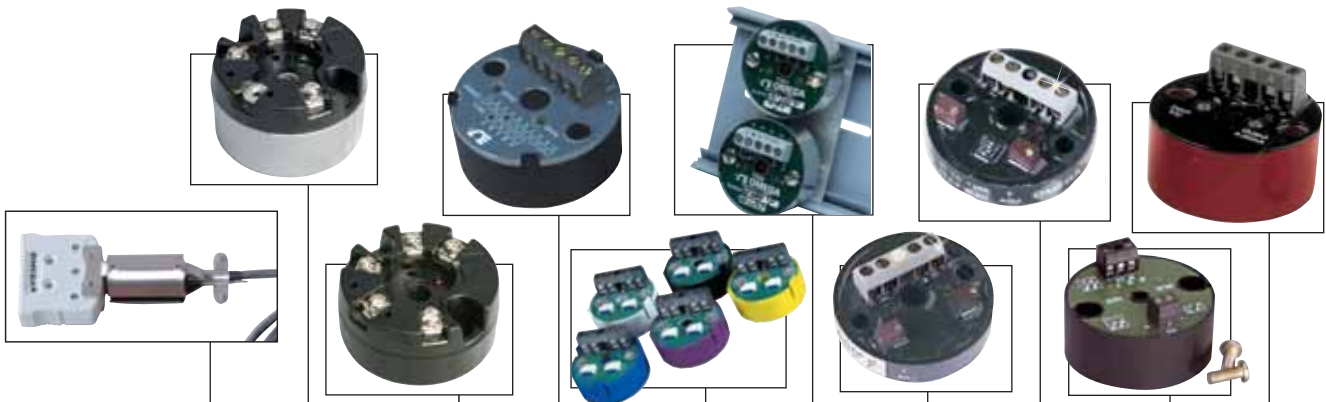


Transmitter Selection Guide



Transmitters

| Model Series | SPRTX/ STCTX | TX31 | TX33 | TX91A TX92A | TX93A TX94A | TX91 TX92 | TX93/TX94 TX95 | TX900 Series | TX92G | TX250 |
|------------------------------|-------------------------|-----------------------|---------------------------|-----------------|-----------------|-----------------------|--------------------|------------------------------|----------------|---------------------|
| Base Price | \$75 | \$185 | \$95 | \$99 | \$74 | \$188 | \$97 | \$173 | \$159 | \$109 |
| Page No. | N-7 | N-9 | N-10 | N-11 | N-12 | N-13 | N-14 | N-15 | N-16 | N-17 |
| Input Types | J, K, T, E R, S | J, K, T, E R, S, B | - | J, K, T, E | - | J, K, T, E R, S | J, K, T, E R, S | J, K, T, E, | - | J, K, T, E, R, S |
| RTD | Y | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Other | - | - | - | - | - | - | - | mV and V input options | - | - |
| Features | Built into connector | Galvanic isolation | Multi-ranges available | - | - | Intrinsically safe | - | TX903 isolated | - | - |
| Programmable Inputs | N | N | N | N | N | N | N | N | N | N |
| Accuracy* | M | MH | MH | MH | MH | MH | MH | MH | MH | MH |
| Isolation | N | Y | N | N | N | N | N | N | N | N |
| Power | 9 to 36 Vdc | 12 to 32 Vdc | 10 to 32 Vdc | 11 to 44 Vdc | 11 to 44 Vdc | 11 to 44 Vdc | 8 to 35 Vdc | 8 to 35 Vdc | 9 to 42 Vdc | 10 to 36 Vdc |
| Protection Head Mount | N | N | N | NB1 | NB1 | NB1 | NB1 | NB1 | NB1 | NB1 |
| Track Mount | N | N | N | Y | N | Y | Y | Y | Y | Y |
| Linearized to Temperature | Y | Y | Y | N | N | N | N | N | N | N |
| Upscale Break Protection | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Outputs 4 to 20 mA | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

Notes

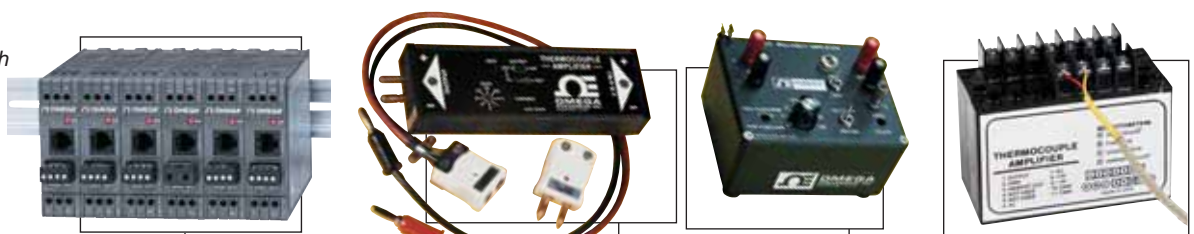
*Accuracy Guide:

M = Medium

MH = Medium High

H = High

VH = Very High



Transmitters Systems

| | |
|--------------|------------------------------------|
| Model Series | iDRN/iDRX |
| Page No. | N-43 |
| Mount | DIN rail |
| Inputs | TC, RTD, mV mA, A, strain pulse |
| Features | Computer configuration |

Amplifiers

| Model Series | OMNI-AMP | OMNI-AMP II | OMNI-AMP IV |
|--------------|---|--|---|
| Page No. | N-40 | N-41 | N-42 |
| Input | mV | Thermocouple | Thermocouple |
| Features | Gains up to 100X Small size Uses OST type connectors | Desktop style Works with K, J, T, E, S, R, C, D thermocouples Includes cold | Works with J, K, T, E, R, S, B thermocouples Uses screw terminals Up or down scale burn out |



Transmitters

| Model Series | TX70 | TX1501/1502 TX1503/1504 | TX86 | PRTXD | TX66A/ TX67A | TX62/TX63 | TX64/TX65 | TX41 | TX69/ TXDIN101 |
|------------------------------|---------------------------|----------------------------------|--------------------------------|-----------------------|---------------------------------------|---------------------------|---|---|------------------------------|
| Base Price | \$425 | \$325 | \$319 | \$389 | \$295 | \$345 | \$295 | \$605 | \$220 |
| Page No. | N-19 | N-20 | N-27 | N-29 | N-30 | N-32 | N-33 | N-35 | N-37 |
| Input Types | J, K, T, E, R, S | J, K, T, E | Universal | - | J, K, T, E, R, S, B, N, C, L, U | J, K, T, E, R, S, B, N | Process | J, K, E, T, B, R, S, N | Universal |
| RTD | Y | Y | Y | Y | Y | Y | N | Y | Y |
| Other | - | mV, mA and V input options | Solid state relay output | NEMA 4X housing | mV, Ω | - | mA, mV, V, potentiometer resistance (2- or 3-wire) | Display/ prog. module | mV and V input options |
| Features | Isolated | Isolated | LED display | LCD display | Smart intrinsically safe | Smart or programmable | Smart or programmable | 4 Isolated open collector outputs RS232/485 | Galvanic isolation |
| Programmable Inputs | Y | N | N | N | Y | Y | Y | N | Y |
| Accuracy* | H | H | MH | MH | H | VH | VH | MH | MH |
| Isolation | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Power | 12 to 80 Vdc | 9 to 50 Vdc | 12 to 30 Vdc | 8 to 32 Vdc | 12 to 48 Vdc | 12 to 42 Vdc | 12 to 42 Vdc | 115 Vac/ 230 Vac | 13 to 36 Vdc |
| Protection Head Mount | HEP-TX70 | EPH EWP | NB1 | N | NEP-TX | TX60-ERH | TX60-ERH | N | N |
| Track Mount | N | Y | N | N | N | N | N | Y | N |
| Linearized to Temperature | N | N | Y | Y | Y | Y | - | Y | Y |
| Upscale Break Protection | Y | Y | Y | Y | Y | Selectable | Selectable | Y | Y |
| Outputs 4 to 20 mA | 4 to 20 mA 10 to 50 mA | Y | Y | Y | Y | Y | Y | Y | Y |



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Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters