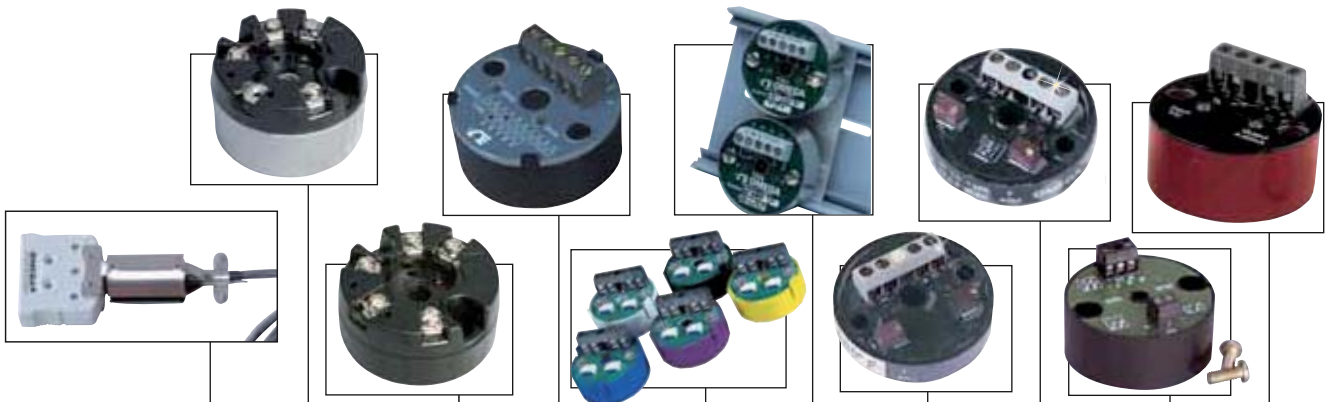


# Transmitter Selection Guide



## Transmitters

Model Series	SPRTX/ STCTX	TX31	TX33	TX91A TX92A	TX93A TX94A	TX91 TX92	TX93/TX94 TX95	TX900 Series	TX92G	TX250
Base Price	£50	£124	£64	£99	£49.50	£126	£65	£116	£107	£73
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

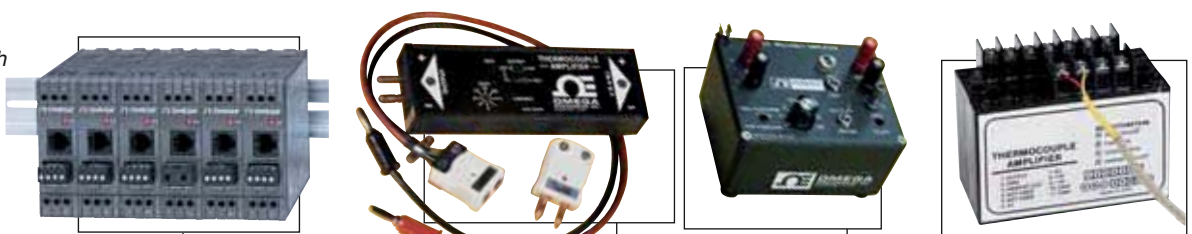
\*Accuracy Guide:

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	£285	£218	£214	£261	£198	£231	£198	£405	£147
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, $\Omega$	-	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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