

RIPS® SERIES P500 Rotary Sensor

a	b	c	d	e	f	g
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P500	.	Displacement	Output	Adjustments	Connections	Option	Option	Z-code
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a Displacement (degrees)		Value
Displacement in degrees	e.g. 0 - 54 degrees	54
b Output		
Supply V dc V _s (tolerance)	Output	Code
+5V (4.5 - 5.5V)	0.5 - 4.5V (ratiometric with supply)	A
±15V nom. (±9 - 28V)	±5V	B
+24V nom. (13 - 28V)	0.5 - 9.5V	C
±15V nom. (±13.5 - 28V)	±10V	D
+24V nom. (18 - 28V)	4 - 20mA 2 wire	E
+24V nom. (13 - 28V)	4 - 20mA 3 wire Sink	F
+24V nom. (9 - 28V)	0.5 - 4.5V	G
+24V nom. (13 - 28V)	4 - 20mA 3 wire Source	H
c Calibration Adjustments		Code
Accessible - default		blank
Sealed		Y
d Connections Cable* or Connector		Code
Connector	IP65 DIN 43650 'C'	J
Cable Gland	IP67 M12	Lxx
Cable Gland	IP67 Short	Mxx

*Supplied with 50 cm as standard, specify required cable length specified in cm. e.g. L2000 specifies cable gland with 20 metres of cable. Nb: restricted cable pull strength.

e Shaft Option		Code
None		blank
Sprung to stop	Up to 100° maximum	N

f Sensor Mounting		Code
Flange - default	Aluminium	blank
Servo Mount	Aluminium	P

g Z-code		Code
Connector IP67 M12 IEC 60947-5-2 must have options 'Y' & 'J'		Z600
Connector IP67 M12 IEC 60947-5-2 must have option 'J'		Z601
≤± 0.1% @20°C Independent Linearity displacement up to 100 degrees only!		Z650
Connector with cable option 'J' with length required in cm i.e. J500 specifies connector with 500cm of cable.		Z999