

Cylinder Position Sensors | CRS
In-Cylinder Position Sensors

Housing Style		Dimension Drawings	
		A	
CRS - Microfast Connector		B	
CRS - Minifast® Connector			
1		2	
A5		2-wire AC/DC w/ Short-Circuit Protection - (ADZ, RDZ, FDZ, VDZ)	
Line Frequency: ≥50... ≤60 Hz Differential Travel (Hysteresis): 3-15% (5% typical) Voltage Drop Across Conducting Sensor: ≤6.0 V Trigger Current for Short Circuit Protection: AC: ≥440 mA; DC: ≥330 mA Continuous Load Current: AC: ≤400 mA; DC: ≤300 mA Off-State (Leakage) Current: ≤1.7 mA (AC) ≤1.5 mA (DC)		Minimum Load Current: ≥3.0 mA Inrush Current: ≤3 A (≤20 ms, max 5 Hz) Power-On Effect: Per IEC 947-5-2 Transient Protection: Per EN 60947-5-2 Shock: 30 g, 11 ms Vibration: 55 Hz, 1 mm Amplitude, in all 3 Planes Repeatability: ≤2% of Rated Operating Distance	

We reserve the right to make technical alterations without prior notice.

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Part Number/ ID Number	Features	Output	Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Dimension Drawings	Wiring Diagrams	Spec List
Bi2-CRS232-ADZ30X2-B3131/S34 4275093	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS260-ADZ30X2-B3131/S34 4275493	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS317-ADZ30X2-B3131/S34 4276293	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS476-ADZ30X2-B3131/S34 4276693	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS524-ADZ30X2-B3131/S34 4277093	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS730-ADZ30X2-B3131/S34 4278293	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS959-ADZ30X2-B3131/S34 4279093	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS1159-ADZ30X2-B3131/S34 4279493	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	A	1	A5
Bi2-CRS232-ADZ30X2-B1131/S34 4270093	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS260-ADZ30X2-B1131/S34 4270493	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS317-ADZ30X2-B1131/S34 4271293	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS343-ADZ30X2-B1131/S34 4271493	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS476-ADZ30X2-B1131/S34 4271693	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS524-ADZ30X2-B1131/S34 4272093	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS603-ADZ30X2-B1131/S34 4272493	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS705-ADZ30X2-B1131/S34 4272893	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS730-ADZ30X2-B1131/S34 4273293	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS959-ADZ30X2-B1131/S34 4274093	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi2-CRS1159-ADZ30X2-B1131/S34 4274493	WFI; 1,500 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi1.5-CRS959C-ADZ30X2-B1131 4279094	High Pressure; 3,000 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi1.5-CRS730C-ADZ30X2-B1131 4279095	High Pressure; 3,000 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi1.5-CRS260C-ADZ30X2-B1131 4279096	High Pressure; 3,000 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi1.5-CRS232C-ADZ30X2-B1131 4279097	High Pressure; 3,000 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi1.5-CRS524C-ADZ30X2-B1131 4279098	High Pressure; 3,000 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5
Bi1.5-CRS317C-ADZ30X2-B1131 4279099	High Pressure; 3,000 PSI Operating	2-wire AC/DC	20-250 VAC/10-300 VDC	20	≤ 400/300	-25 to +70	IP67	Zinc	B	2	A5

Bi *-CRS-XXXX-. = Length of probe in mm. Example: CRS260 = 26.0 mm

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