

CS 3000-2, CS 3000-3

# CS 3000

## TWO AND THREE AXIS READOUT DEVICES



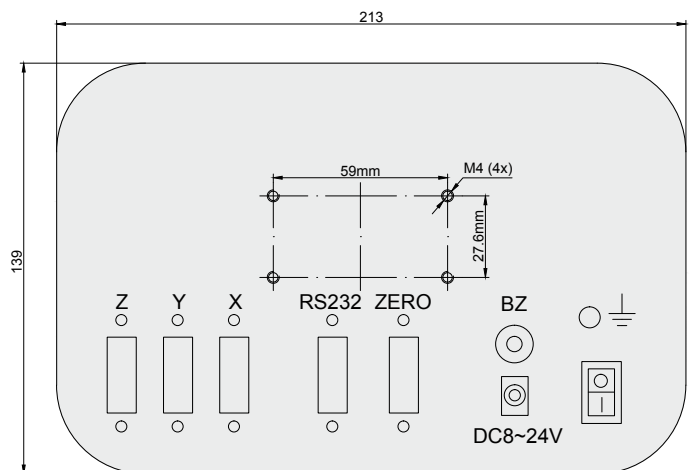
### TECHNICAL DATA

Input standard	RS 422
Power supply for encoders	+5 V DC
Resolution of linear encoders	0.5; 1; 2; 5; 10; 20; 50 µm; 0.1; 0.2; 0.5; 1; 5; 10 mm
Resolution of rotary encoder	1° - 0,0001°
LED green display, 7 digit and sign	14 mm height
Maximum input signals frequency	100 kHz
Power supply	DC 8-30 V/0.8A Power supply adapter: - input: AC 100V ~ 240V, 50Hz/60Hz - output: DC 8~30 V; 0,8A
Power consumption	5 W
Overall dimensions	214 x 139 x 29.5 mm
Weight	0.9 kg
Operation temperature range	0 °C - +50 °C

### FEATURES

- Measuring in millimeters or inches (inch/mm)
- Radius calculation (1/2)
- Measuring in relative or absolute coordinate system (INC/ABS)
- Entering or setting zero values for the selected axis
- Memory for last position after switch off
- Linear movement measurement (by means of linear encoders)
- Rotary movement measurement (by means of rotary encoders)
- Movement direction indication
- Error correction: linear compensation
- Serial interface RS232

### MECHANICAL DATA



### ORDER FORM

CS	-	XXXX	-	X
<b>DIGITAL READOUT DEVICE:</b>		<b>NUMBER OF AXIS</b>		
3000 - two or three axis		2 - two axis		
		3 - three axis		
ORDER EXAMPLE:		1) CS-3000-2		

### COMPATIBLE WITH:

A28, AP58, A36, A42M, A75M, A58M, A58B, A58C, A58C2, A58C3, A58D, A58H, A58H1, A58HE, A58HM, A90H, A110, A170, A170H, L18, L18B, L18C, L18T, L23, LK24, L35, L35T, L37, L50, MT, CMT, PCMT, MK.

CS 5000-2, CS 5000-3

# CS 5000

## ADVANCED TWO AND THREE AXIS READOUT DEVICES



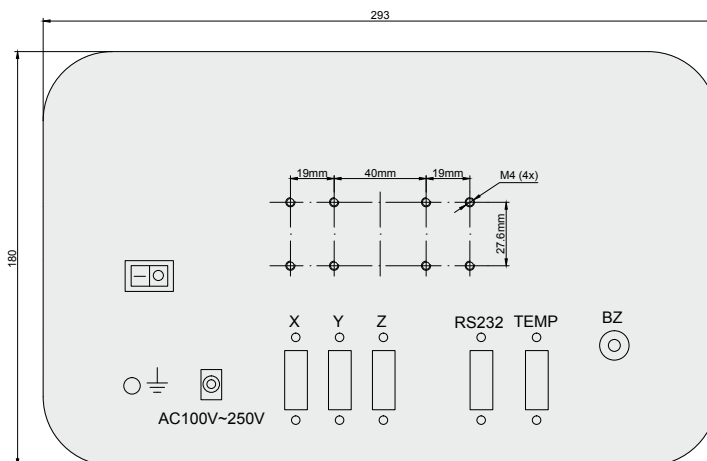
### TECHNICAL DATA

Input standard	RS 422
Power supply for encoders	+5 V DC
Resolution of linear encoders	0.1; 0.2; 0.5; 1; 2; 5; 10; 20; 50 µm;
Resolution of rotary encoder	1° - 0,0001°
LED green display, 7 digit and sign	14 mm height
Maximum input signals frequency	500 kHz
Power supply	AC 85V ~ 230V
Power consumption	5 W
Overall dimensions	295 x 182 x 30.5 mm
Weight	2.6 kg
Operation temperature range	0 °C - +50 °C

### FEATURES

- Measuring in millimeters or inches (inch/mm)
- Measuring system calibration in relation to reference point (REF)
- Radius calculation (1/2)
- Measuring in relative or absolute coordinate system (INC/ABS)
- Entering or setting zero values for the selected axis
- Linear movement measurement (by means of linear encoders)
- Rotary movement measurement (by means of rotary encoders)
- Memory for last position after switch off
- Entering shrinkage rate
- Setting 999 datum systems in SMD mode
- Movement direction indication
- Machining modes:
  - holes drilling along circle
  - holes drilling along oblique line
- Error correction: linear compensation
- Inside calculator
- Serial interface RS232

### MECHANICAL DATA



### COMPATIBLE WITH:

A28, AP58, A36, A42M, A75M, A58M, A58B, A58C, A58C2, A58C3, A58D, A58H, A58H1, A58HE, A58HM, A90H, A110, A170, A170H, L18, L18B, L18C, L18T, L23, LK24, L35, L35T, L37, L50, MT, CMT, PCMT, MK.

### ORDER FORM

<b>CS</b> - XXXX - X	
<b>DIGITAL READOUT DEVICE:</b>	<b>NUMBER OF AXIS</b>
5500 - advanced to or three axis	2 - two axis 3 - three axis
ORDER EXAMPLE:	1) CS-5000-2