TWO AND THREE AXIS READOUT DEVICES

CS 3000
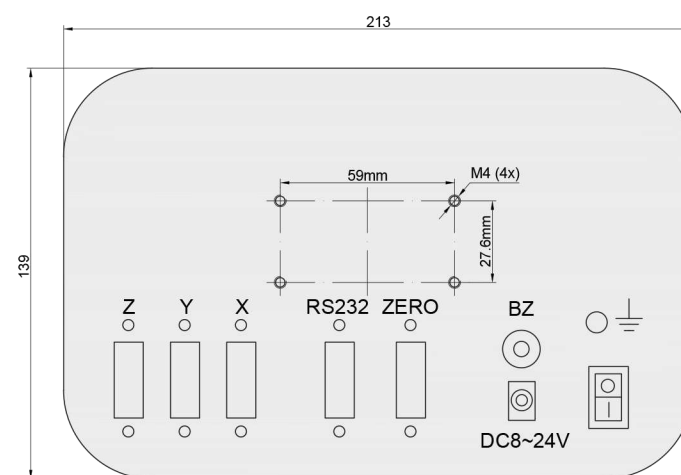
TECHNICAL DATA

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

MECHNICAL DATA

Connected only through 15-pins flat connector D15.

ORDER FORM

CS - X1 - X2

Digital readout device (X1):	Number of axis (X2):
3000 - two or three axis	**2** - two axis **3** - three axis
ORDER EXAMPLE: 1) CS-3000-2	

COMPATIBLE WITH:

A2HME1, A28, A36, A42M, A75M, A58M, A58B, A58C, A58C2, A58C3, A58D, AP58, A58HE, A58HE1, A58HME, A102H, A90H, A110, A110H, A170, A170H, A200H, L18, L18B, L18T, L23, L35, L35T, L37, L50, MT.
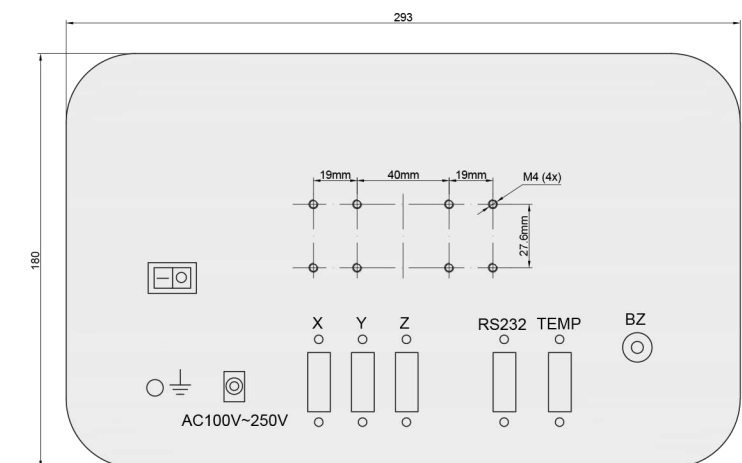

TWO AND THREE AXIS READOUT DEVICES

CS 5500

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

MECHNICAL DATA

Connected only through 15-pins flat connector D15.

ORDER FORM

CS - X1 - X2

Digital readout device (X1):	Number of axis (X2):
5500 - two or three axis	**2** - two axis **3** - three axis
ORDER EXAMPLE: 1) CS-5500-2	

COMPATIBLE WITH:

A24HME1, A28, A36, A42M, A75M, A58M, A58B, A58C, A58C2, A58C3, A58D, AP58, A58HE, A58HE1, A58HME, A102H, A90H, A110, A110H, A170, A170H, A200H, L18, L18B, L18T, L23, L35, L35T, L37, L50, MT.