



CC 8 / CC16

Universal Cam Controller for linear or rotary (0 ... 360°) applications

- 8/16 cams/outputs programmable (CC8/CC16)
- Multiple switchpoints for each cam supported
- 300 switchpoints can be distributed over 15 programs
- Direction-dependent switchpoints possible
- Dynamical dead time compensation for each cam adjustable
- TDC or tool/null point correction separat adjustable
- Parallel connection of several CC8/CC16 is feasible
- Indication of the cam status on front panel LED's
- Easy legible LED display (6 digits, red, 14 mm digit height)
- Pos. Acquisition: SSI -, transsonar - or incremental sensors
- Teach-In programming supported
- Integrated sensor supply 5 V or 24 V
- Small seated size
- Optional serial interface for host programming



Ordering data:

CC8.xxx	Cam controller with 8 outputs (Cams)
CC16.xxx	Cam controller with 16 outputs (Cams)
CCxx.101	for incremental measurement system
CCxx.201	for absolute SSI measurement system
CCxx.401	for transsonar measurement system
CCxx.x1x	Optional RS232 Interface

esitron-electronic GmbH

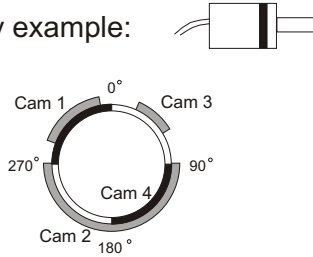
Ernst-Zimmermann-Str. 18
D-88045 Friedrichshafen
Internet: www.esitron.de

Tel. +49(0)7541-6000-0
Fax +49(0)7541-6000-11
E-Mail: info@esitron.de

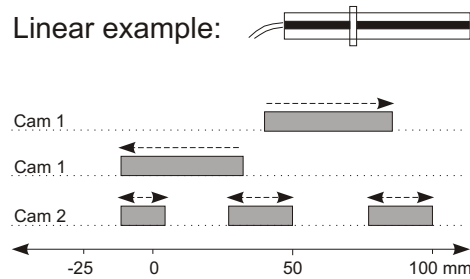
Cam controller CC8 / CC16

The CC8/CC16 are modern programmable cam controllers for linear or rotary applications. Due to their fast cycle time of 1ms the CC8/CC16 are ideal for fast running machines. All common position feedback systems are supported. A large LED display and numeric keyboard provide quick and simple operation. Passwords and an input for a key switch assure protection against use by unauthorized personnel. The units are packaged in a compact standard housing for easy panel mount.

Rotary example:



Linear example:



Cams	Switchpoints	
1	290° on	350° off
2	90° on	270° off
3	30° on	60° off
4	90° on	180° off
4	270° on	0° off

Cam	Switchpoint / mm		Direction
1	40 on+	85 off+	positive
1	30 on-	-10 off-	negative
2	-10 on	5 off	both directions
2	25 on	50 off	
2	75 on	100 off	

Technical Data CC8 / CC16

Display:	LED 7-Segment display, 6 red digits, 14 mm height
Input:	Membrane keys with numeric keypad, lockable externally
Switchpoints:	300
Programs:	up to 15 (externally selectable)
Digital inputs:	8 inputs 24 V DC
	External program selection
	Teach-In
	Lock (disable) outputs
	Keyboard enable
	Null set
Outputs/cams:	8(CC8) resp. 16(CC16) digital transistor-outputs 24 V DC/1 A
	short circuit protected and current limited
Ready:	Potential-free contact (normally open)
	Contact load capacity 24 V/1 A
Pos. Acquisition:	- Incremental max. 250 kHz (internal 4 x interpolated)
	- SSI from 8 to 32-bit data word length
	- Transsolar P-interface Resolution 50 µm
Supply voltage:	18 ... 32 V DC, ca. 0,3 A (no load on outputs)
Sensor supply:	5 V or 24 V 300mA
Operating temperature:	0 ... 50°C
Connectors:	Plugable screw terminals
	Conductor cross sections up to 1,5 mm ²
Dimensions:	Dimensions and cut-out according to
	DIN 43700 144x72x112 mm (wxhxd)
Cutout:	68 ^{+0,7} x 138 ^{+1,0} mm

