



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
CC16.xxx
CCxx.101
CCxx.201
CCxx.401
CCxx.x1x


Cam controller with 8 outputs (Cams)
Cam controller with 16 outputs (Cams)
for incremental measurement system
for absolute SSI measurement system
for transsonar measurement system
Optional RS232 Interface

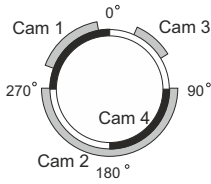
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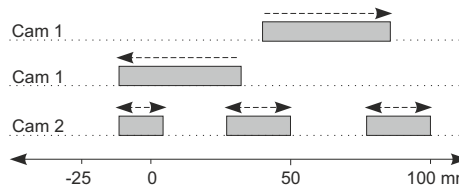
Cam controller CC8 / CC16

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 personel. 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
 - Transsonar 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: Pluggable screw terminals
 - Conductor cross sections up to 1,5 mm²
- Dimensions: Dimensions and cut-out according to DIN 43700 144x72x112 mm (wxhxd)
- Cutout: 68^{+0,7} x 138^{+1,0} mm

