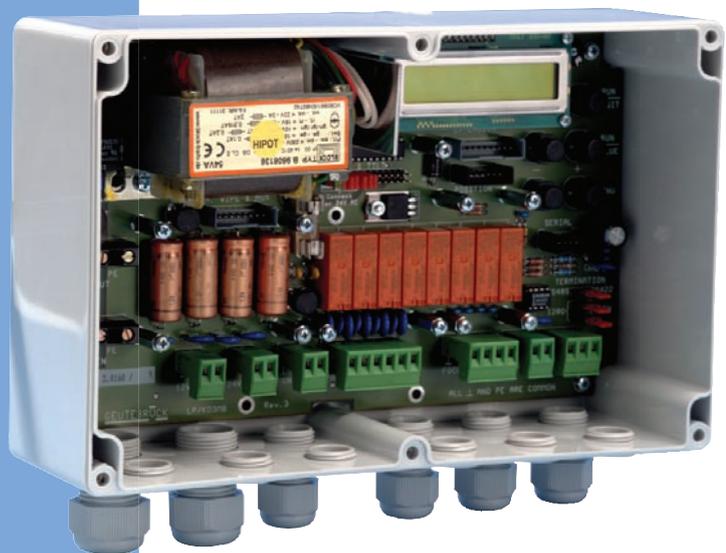


KDec-300

Camera decoder for the remote control of pan/tilt heads and motorized zoom lenses

Product information



The KDec-300 camera decoder is used for the remote control of camera accessories e.g. pan/tilt heads and motorised zoom lenses. It receives remote control commands from control units e.g. MBeg or control software GeViSoft or ViCroSoft and decodes them to provide individual controls for camera accessories.

- Modular construction
- Variable speed control of DC pan/tilt heads
- Up to 99 preset positions
- Control outputs for lighting, wash/wipe and other auxiliary devices
- 12 VDC output for camera power
- Programmable alarm/control input, e.g. preset positions, light switches on/off etc.
- RS-485 remote control bus for up to 999 cameras
- User set-up via integrated LC display

Technical data

General	
Operating voltage	230 VAC ± 15%
Power consumption	Approx. 5 W (resting condition without consumers) approx. 60 W (maximum load)
Backup in case of power failure	EEPROM
Short-circuit resistance	Low voltage outputs: long term short-circuit proof; mains output secured by thermal fuse
Compatible GEUTEBRÜCK control systems	MBeg, CompControl, GeViSoft, VicroControl, DICSY in connection with VircoSoft or Pegasus II
Main board connections	
Mains output	Approx. 300 mA, if all 24 V outputs are unloaded
DC output	12 VDC, 300 mA max., galvanically isolated (to eliminate "ground loops")
Low voltage AC output	24 VAC
Pan/tilt motor output	24 VAC
Lens motor output	± 12 VDC, approx. 100 mA max.
Control/alarm input	1 x Schmitt-trigger, ± 5 V, TTL compatible, active high
Remote control input	RS-422 (simplex), galvanically isolated, data rate up to 19200 Bd, up to 999 receivers addressable
Max. cable length remote control	7000 m at a data rate of 1200 Bd (without additional repeater)
Cable type for remote control	Telecommunication circuit, shielded, twisted pair, Ø 0,6 mm ² - 0,8 mm ²
KDec-300/AUX-W :	
Wash/wipe	2 x relay contacts 250 VAC / 10 A, N.O.
Auxiliary	2 x relay contacts 250 VAC / 10 A, N.O.
KDec-300/24 DC:	
Pan/tilt motors*	0 to approx. 24 VDC in 256 steps, PWM control 100 Hz
Brakes*	24 VDC, non-polarised
KDec-300/230 AC:	
	Supplied from 230 VAC output on main board total 300mA max. 4 x relay contacts 250 VAC / 10 A, N.O.
KDec-300/PP:	
Reference voltage output	Approx. 4.5 V, load 20 mA max.
A/D converter	Resolution: 4096 steps, sampling rate: 10 ms
Mechanical specifications	
Housing	Makrolon, IP-65
Dimensions	250 x 160 x 120 mm (w x h x d) not including cable glands
Cable glands	2 x PG16 / 10 - 14 mm, 4 x PG11 / 5 - 10 mm
Pre-drilled openings for cable glands (plugged with stoppers)	6 x PG11 (5 - 10 mm)
Weight without additional modules	2.3 kg
Weight with all additional modules	2.5 kg
Order No.	0.50410

Technical alterations reserved

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