

# KIT 8CAD – LP

## LOADSENSOR FOR ELECTRIC AND HYDRAULIC SYSTEMS

### VERSION WITH SINGLE SENSOR ROPES LP

- DISPLAY INSIDE
- ANALOG OUTPUT
- REMOTE CONTROL AND DISPLAY

Use either diameter ropes 6 - 6,5 – 8 - 9 – 10 – 11 – 12 - 13 mm

Max nr°10 ropes

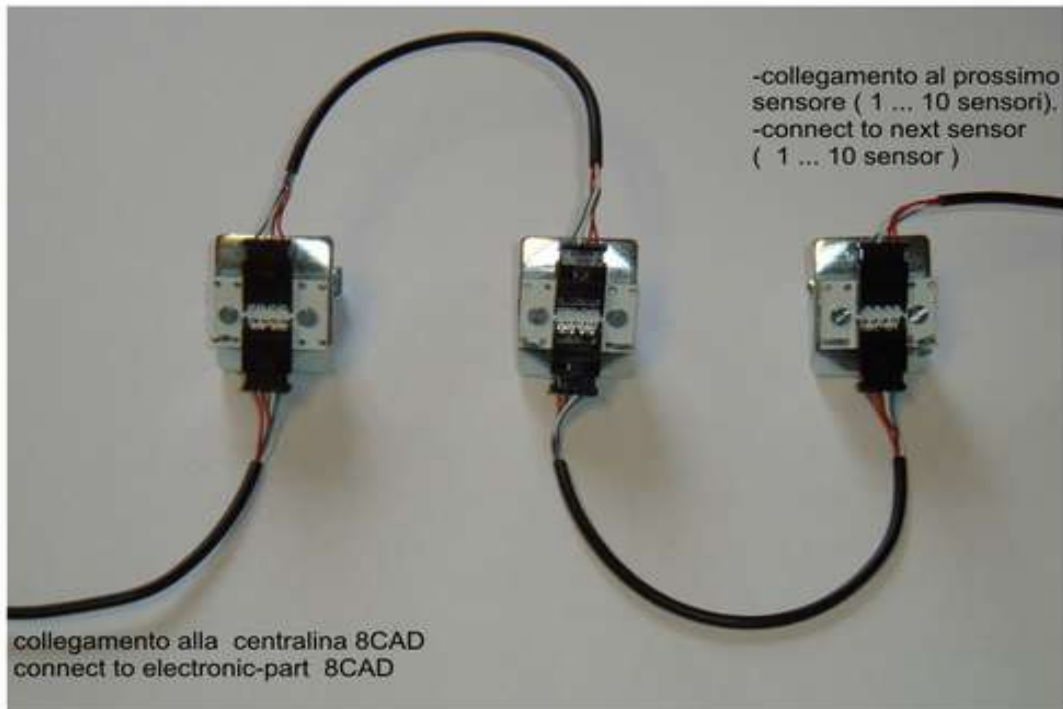


### KIT 8CAD – LP Composed of:

- [ Digital Electronic part 8CAD , equipped with wiring for connection to the first sensor.
- [ Single sensor for ropes LP , provided wiring for connection to the next sensor: applicable for 1 to 10 sensors
- [ Set screws and accessories , for each sensor

### NOTEWORTHY FEATURES:

- [ Easy electrical connection : the sensors are connected in sequence to the electronics (see figure below). **SEQUENTIAL CONNECTION** .
- [ Easiness and speed of assembly, the sensor is applied to the rope with 2 nuts and relative accessories, cables ( supplied in the kit ).
- [ Easy and fast calibration, you can calibrate with 20% of the maximum load.
- [ You can display all the calibrated values, in addition to the current value and other parameters important for the proper functioning.
- [ The sensor LP , coupled with the electronics 8CAD, has a great thermic stability and durability.
- [ The analog output provides a proportional value between 0 and 10Vdc, relative to the relays 1 ( S1 – RL1).
- [ The digital electronics 8CAD manages all operational parameters; it automatically optimizes signal's amplification, offset, polarity and hysteresis.



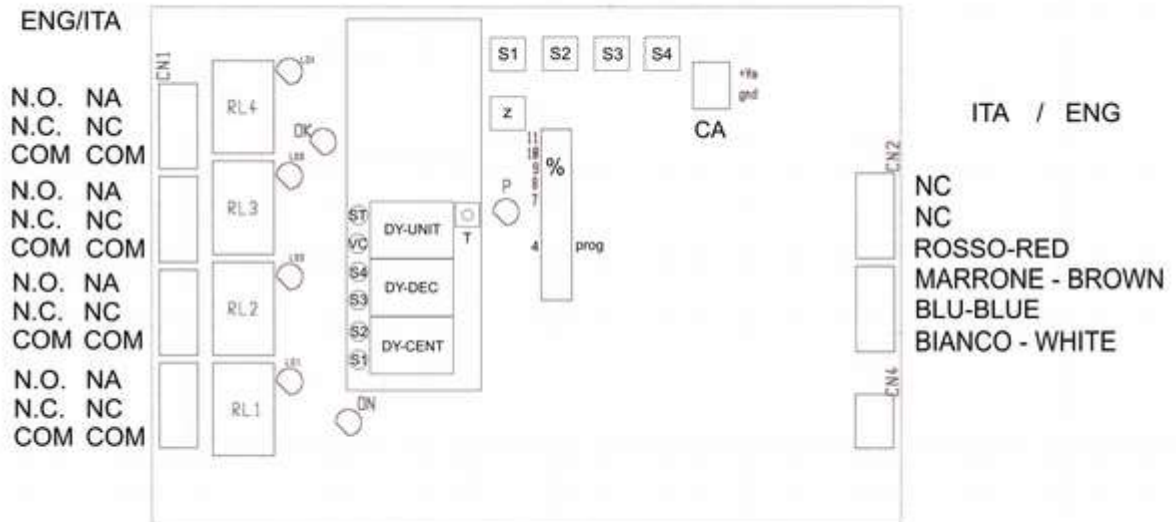
**TABLE WITH TECHNICAL FEATURES ELECTRONIC 8CAD**

PARAMETER	VALORE	UNITA' DI MISURA
MAXIMUM RANGE OF VOLTAGE CC	16...30	V (1)
MAXIMUM RANGE OF VOLTAGE AC	12...24	V (1)
MAXIMUM ABSORPTION	0,5	A
RANGE OF AMPLIFICATION	automatic, it is internally managed by the microprocessor	
RANGE OF REGULATION OF ZERO	automatic, it is internally managed by the microprocessor	To 80% del FS
TEMPERATURE RANGE	0...50	°C
MAXIMUM VARIATION OF THE ZERO WITHIN THE TEMPERATURE RANGE	±0,5	% del FS
MAXIMUM VARIATION OF THE GAIN WITHIN THE TEMPERATURE RANGE	±0,5	% del FS
RANGE OF REGULATION OF THERSHOLD POINTS	automatic, it is internally managed by the microprocessor	
MAXIMUM DAMPNES ADMITTED	93	% (3)

NOTES:

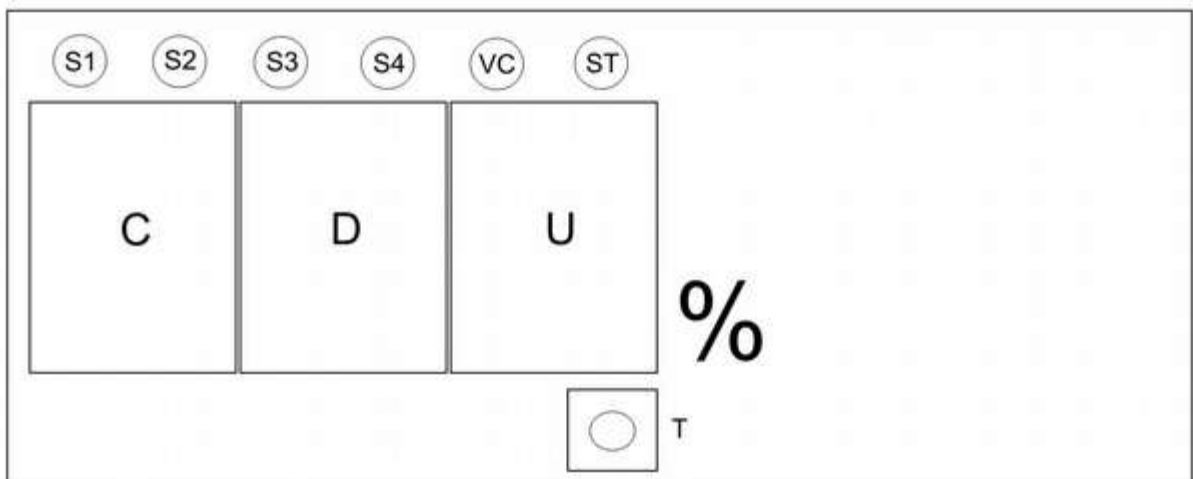
1. It is possible that the alimentations have not been stabilized from the transformer and obviously the polarity of connections can be casual ( also for Vcc ).
2. Continous tension is adjusted, i.e. not pulsing.
3. We don't refer to dampness deriving from condensation.

**CENTRALINA ELETTRONICA 8CAD - ELECTRONIC PART 8CAD**



The LED display inside the electronic device 8CAD, is composed of 3 digits 7seg, from 6 signaling LED and a button.

The menu is loop type, every shot on the T button, it displays in sequence all that has been stored. Normally is displayed the current value VC.



### SENSOR LP - DIMENSIONS

Length----- 40mm  
Width----- 30mm  
Total depth, including screws for fastening the ropes----- 42mm

