

# Signal Interface Unit

LCK-1000NO/LCK-1000NC

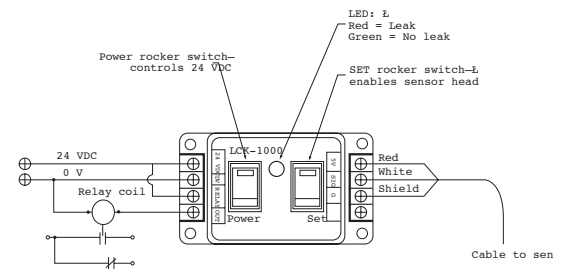
## Applications

- » Each interface unit integrates up to 10 RS-1000 series sensors



## Features

- Dry contact, relay system interface
- Each interface unit integrates up to 10 RS-1000 series sensors
- Easy mechanical mounting
- High reliability—no periodic adjustments required
- Leak detector disable/enable rocker switch
- Red/green LED to indicate leak/no leak
- CE marked
- UL recognized



Specifications	
Relay contact capacity	1A @ 24 Volts DC/0.5A @ 100 Volts AC
Supply voltage	24 Volt DC (internal conversion of 5 Volt DC to power the sensor)
Current draw	220 mA to 400 mA (with max. of 10 sensors)
Output characteristics	Dry contact
Ambient temperature	-10°C to 60°C
Casing material	ABS polymer
Weight	100 g
Dimensions	1" H x 3 3/4" W x 2" D

## Operating principle

24 Volt DC and 0 Volt DC are supplied to the marked terminals. Up to 10 leak sensors (RS-1000D, RS-1000F or RS-1000PN) can be paralleled to a single interface unit. A POWER rocker switch enables the 24 Volt DC system. Control of the dry contact relay is provided by a SET rocker switch that supplies 5 Volt DC to the sensors. An LED leak indicator shows green with dry conditions and red when any of the detectors senses a leak. The LCK-1000 is a single pole, single throw relay and can be ordered either Normally Open or Normally Closed.



CELERITY GROUP, INC.  
22600 Savi Ranch Parkway  
Yorba Linda, California 92887  
Telephone 714.921.2640  
Facsimile 714.921.0804  
www.celerity.net

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