HERO
Web Sensor



Applications:

- Monitoring of environmental parameters
- Integration with monitoring system: the readings are available via a built-in webpage and a wide array of communication protocols
- Remote control: the device sends notifications about exceeded thresholds to other modules, allowing for relay or other device control

Characteristics:

- Low power consumption.
- Supports up to 4 sensors: temperature, humidity, digital inputs.
- Built-in 7 segment red LED display, on which the measured values can be presented.
- HTTP, MQTT, SNMP v2c, SMTP, Modbus TCP communication protocols support.
- Data logger functionality allows subsequent analysis of readings, viewing of graphs or data export to external systems.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af	10-24V DC, 3,5mm screw terminal	
Power consumption	Max. 1,5W		
Sensor bus	3 wire or flat cable (using an RJ12 adapter)		Supports up to 4 sensors
	Dedicated sensors: temperature, humidity, digital input		
OUT1 output	Output type: NO, relay	Maximum relay load: 1A @ 30V DC	Operating modes: bistable, astable, monostable
OUT2 output	Output type: OC (transistor), NO	Operating modes: bistable, astable, monostable	
Communication	Ethernet 10Mbps, RJ45 port		
Enclosure	IP rating: IP30		
Operating temperature	From -10°C to +55°C		

Version	Catalogue number
Hero Web Sensor	NN-0001-00D3-00