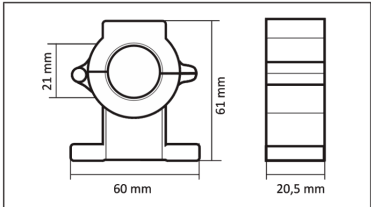




| APPLICATIONS           |
|------------------------|
| monitoring consumption |
| Accounting             |



MAGGIORI CONTENUTI ONLINE



# Hall effect openable current sensor with measuring range 200 A

- Measuring range 200 A
- Open loop structure
- Easy to install
- High precision and good linearity

The **KET-SHA-020.21** is part of a series of newly developed open-loop **Hall current sensors** that can be used to detect DC, AC current signals, even high frequency, pulse and irregular current signals. Isolated on the primary and secondary side, **it ensures maximum electrical safety**. Equipped with 2 m long connection cable, with RJ12 connector, through which power is supplied from a single external DC and stabilized voltage.

| TECHNICAL FEATURES     |  |
|------------------------|--|
| GENERAL SPECIFICATIONS | <b>Protection Range:</b><br><b>Operative Temperature:</b> -25 ÷ +80 °C<br><b>Storage Temperature:</b> -40 ÷ +85 °C<br><b>Relative Humidity:</b>  |
| CASE                   | <b>Dimensions:</b> 60 x 61 x 20.5 mm (W x H x D)<br><b>Connections:</b><br><b>Mounting:</b><br><b>Cable Diameter:</b> Max 21 mm<br><b>Bar Size:</b><br><b>Material:</b> Self extinguishing: UL 94 V-O<br><b>Weight:</b>  |
| POWER SUPPLY           | <b>Supply Voltage:</b> +5 (±1%)VDC<br><b>Consumption:</b> <=15 mA<br><b>Connectors types:</b> RJ12 (6P4C)  |
| CURRENT SENSOR         | <b>Sensor Type:</b> Hall effect openable sensor<br><b>Current Range:</b> ±200 A<br><b>Voltage Output:</b> 1.5 ÷ 3.5 V<br><b>Internal Resistance:</b> >=10 kOhm<br><b>Typical Sensitivity:</b><br><b>Precision:</b> <=2 .0% ( T=25°C VC=±15V)<br><b>Tolerance:</b><br><b>Linearity:</b> <=2 .0% ( T=25°C)<br><b>Linearity Range:</b><br><b>Nonlinearity:</b><br><b>Hi Pot Test:</b> 3.0 kV/Min<br><b>Temperature Drift:</b><br><b>Noise Spectral Density:</b> |
| CERTIFICATIONS         | <b>Referends Standard:</b> RoHS Compliant<br><b>Approvals:</b><br><b>Security:</b><br><b>Metrology:</b>  |