

# **External environmental sensor (BUS) KDL-10-BK - Datasheet**



ORDER-CODES:  
KDL-10-BK

<b>Function</b>	Environmental sensor (temperature, humidity, dew point)
<b>Connection</b>	to KPM-100 (up to 32 sensors directly connected via modular distributor) to SmartPDU (up to 3 sensors via system port TYPE B and distributor box)
<b>Cables</b>	3m cable with RJ45 plug
<b>Bracket</b>	Magnetic mount; Wall mount
<b>Temperature sensor</b>	-20 to +60 °C (-4 to +140 °F), accuracy: typical: ±0.4 °C, precision: ±0.1 °C
<b>Humidity sensor</b>	10 to 95 % r. h., accuracy: typical: ±3 % r. h. at 20 to 80 % r. h., precision: ±0.1 % r. h.
<b>Dew point</b>	Calculated on the basis of temperature and relative humidity, resolution: 0.1 °C
<b>Housing</b>	Material: ABS 25 x 20 30 mm ( W x L x H) Color: Black
<b>Weight</b>	approx. 250g
<b>Power supply</b>	via Kentix system port type B (Smart PDU) or directly connected (KPM 100) Power consumption approx. 0.05W
<b>Protection class</b>	IP20
<b>Field of application</b>	Temperature -25°C to 75°C Humidity 0 to 95% (non-condensing)
<b>Installation</b>	Magnetic holder, wall mounting
<b>Scope of delivery</b>	Sensor with 3 m cable and RJ45 plug