The Lufft I-BOX Serial is the door opener for almost every interface – thanks to app-technology!

- **Parameters measured**
  Data processing device - no measurements available without connected sensors

- **Measurement technology**
  Data processing device - no measurement technology available

- **Product highlights**
  Easy commissioning (Plug & Play), Configuration and remote maintenance via browser interface, Applications upgradeable as required, Increased interference immunity for the industrial environment, Transmission of measured values to the corporate network

- **Interfaces**
  LAN, Serial combi - interface with RS232/422/485

- **Article number**
  8200.40, 8200.40UP

The Lufft I-BOX Serial is your gateway for almost every measurement task – thanks to flexible app-technology! You select an app for data input, for data handling and for data output. For example, a particular Data Entry app will query 10 OPUS20 devices, the Data Processing App can generate an alarm, and the Data Output App will send the data to a database.

We designed the gateway to meet different integration requirements and to facilitate your measurement tasks. Software-sided limits can be bypassed. The way is clear for seemingly

limitless environmental measuring technology!

Does the sensor fit your requirements? Find out right now in our support forum. The base sensor Lufft I-Box Serial Mini has five pre-installed apps (OPUS20, OPUS Finder, Lufft WS, JSON, E-Mail Alert) and can be supplemented with one further app. If you want to install more apps, you need the upgrade package on top of the base package. A sensor can also be upgraded to the more comprehensive version at a later date. For more details please see the tab "product variants".

General	
Dimensions, housing	Plastic compact housing (105 x 75 x 22 mm)
Weight	approx. 140 g
Mounting	Integrated DIN rail mount
Ambient temperature	Row mounting: 0 – 65 °C I Non - row mounting: 0 – 70 °C
Relative humidity	<90 % RH non - condensing
Power supply	Power - over - Ethernet (PoE) I 24 ... 48V DC (+ / -10 %) using screw terminals
Power consumption	60 mA @ 24 V II 40 mA @ 48 V
Connections	1 x network (RJ45) I 1 x serial combi - interface with RS232/422/485 50 ... 230,400 baud I Screw terminals for supply voltage (alternative to PoE)