VS20-UMB - VISIBILITY SENSOR

- Measures visibility up to 2000m
- Ideal for road traffic applications
- Analog output 4..20 mA
- Digital UMB protocol (RS485 interface)
- Calibration device available (optional)

The VS20 is configured via the software UMB-CFG:

- **Reading / Changing of the current configuration**
- **Calibration**
- **Polling of the current measurement values**
- **The software allows configurations to be loaded and stored**

The measurement data are available for further processing in the form of a standard protocol (Lufft UMB protocol).

Technical Data	Order No.
VS20-UMB Visibility sensor	**8366.U50**
with UMB and analog interface (4…20 mA)	
Measuring range	10...2000 m
Accuracy	+/- 10% of measurement value
Firmware update and calibration of the sensor	via RS485
Output signal	4...20mA
Interface	RS485 half-duplex, UMB protocol
Protection type	IP66
Weight	ca. 4kg
Dimensions	360x180x80mm
Operating temperature range	-40...60°C
Power supply	Typical 24VDC (12...28VDC) 3W
Connecting cable	Included in delivery
Accessories	**Order No.**
UMB interface converter ISOCON	**8160.UISO**
Ventilation unit	**8366.UBEL**
Connecting cable	**8366.UKAB10**
Calibration kit visibility	**8366.UKAL1**
Power supply 24V/4A	**8366.USV1**
Surge protection	**8379.USP**

10...2000 m measurement range
Calibration kit (optional)
Forward light scattering technique