# 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