

Lufft VS2k-UMB – Visibility Sensor

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

The VS2k-UMB is configured via the software UMB Config Tool:

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

ASD = Active Spider Defense:

Less maintenance activities through active spider defense housing construction

Lufft VS2k-UMB Visibility Sensor		Order No.
VS2k-UMB	Measuring range 10...2000m	8366.U70
Technical data	Output signal	4...20mA/20...4mA
	Interface	RS485 semi-duplex wire, UMB protocol, SDI12
	Protection	IP66
	Weight	Approx. 4kg
	Dimensions	500 x 230 x 80 mm
	Op. temperature range	-40...60 °C
	Power supply	Typ. 24VDC (22...28VDC) 3W; Peak 10W
	Included in delivery	Connection cable
	Value update	1 minute
	Cable length	10m
Visibility	Principle	Forward scattered light procedure
	Unit	m
	Accuracy	±10m or ±10%, highest value applies
Accessories	UMB Interface converter ISOCON-UMB	8160.UI50
	Connecting cable	8366.UKAB10
	Power supply 24V/4A	8366.USV1
	Surge protection	8379.USP



- 10...2000m measurement range
- Calibration kit (optional)
- Forward light scattering technique
- Sea waterproof housing
- Active spider defense