Data collection sensors

Visibility sensor

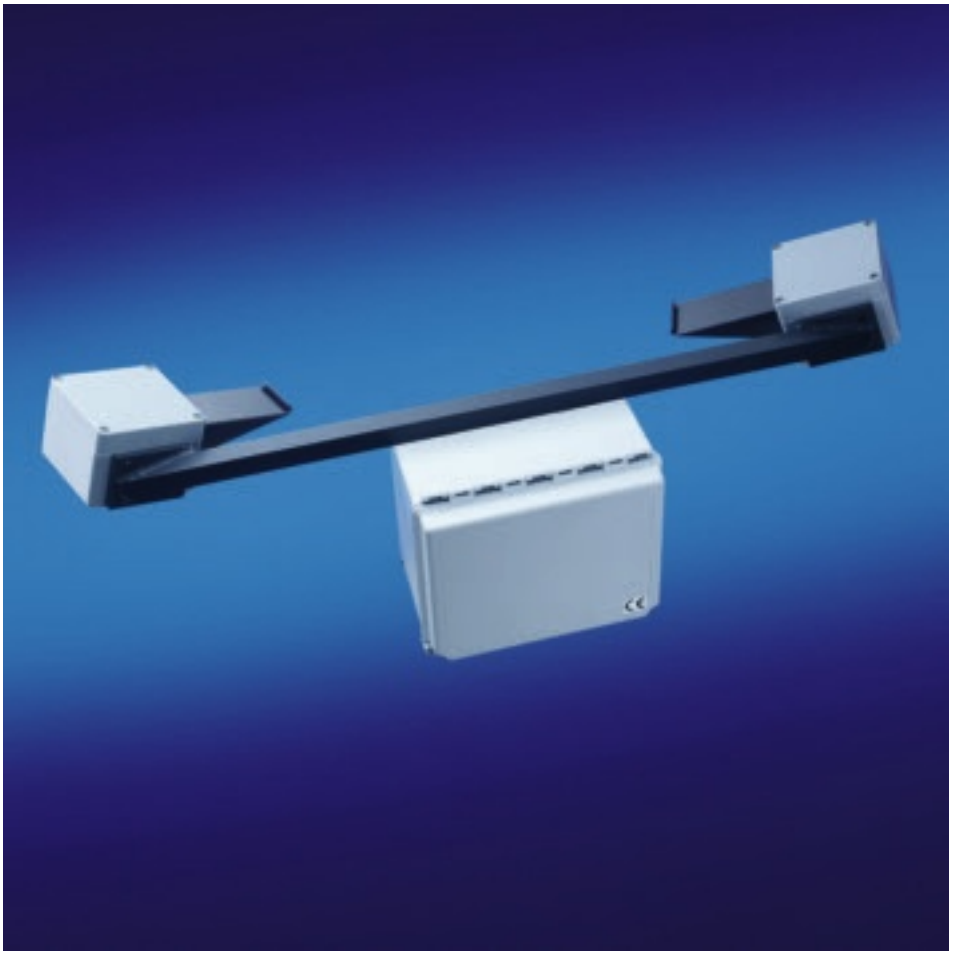
Measures visibility under all conditions
Simple installation and maintenance
Forward Scatter measurement principle

The visibility sensor measures visibility up to 16 km. A measurement range up to 3,000 meters is usually sufficient for road traffic applications.

The visibility sensor is connected to the OPUS-GMA module via the 4..20 mA interface.

A device that simulates a defined visibility is available as an option.

technical data	Ref.No.
visibility sensor	**8366.20**
dimensions	889x292x305mm
interface	RS232 or RS422 optional
operating temperature	-40...60°C
output signal	4-20mA standard, 0-5 VDC & 0-10 VDC optional
power supply	100-240 VAC, 14 VA or 10-36 VDC, 6VA
protection type	IP66
weight	8kg
Visibility	
principle	infrared light scattering
measuring range	30 ... 16000 m
accuracy	±10% RMSE



0..16 km measurement range
Optional simulation device
Forward Scatter process