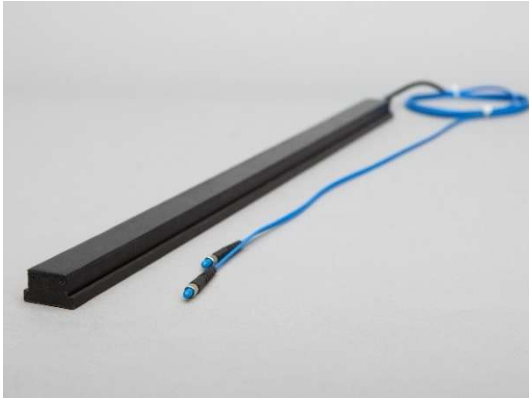


SL PUR Sensor Leaflet

Fibre Optic Axle Detection Sensor

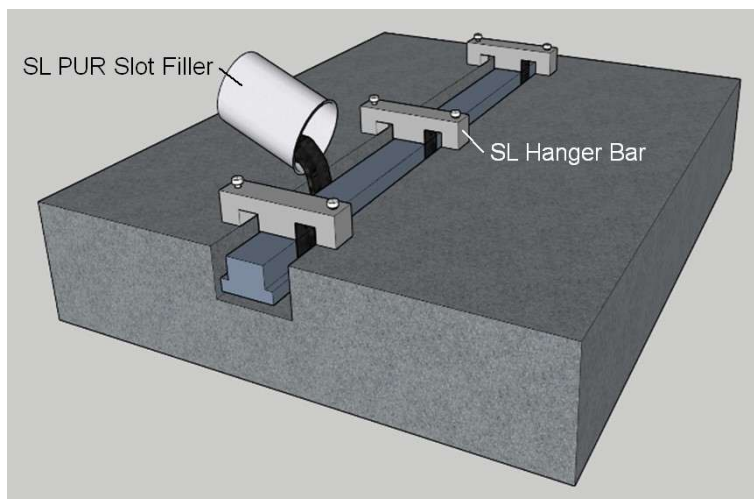
Long durability, easy installation, Fiber-optic sensor technology ...



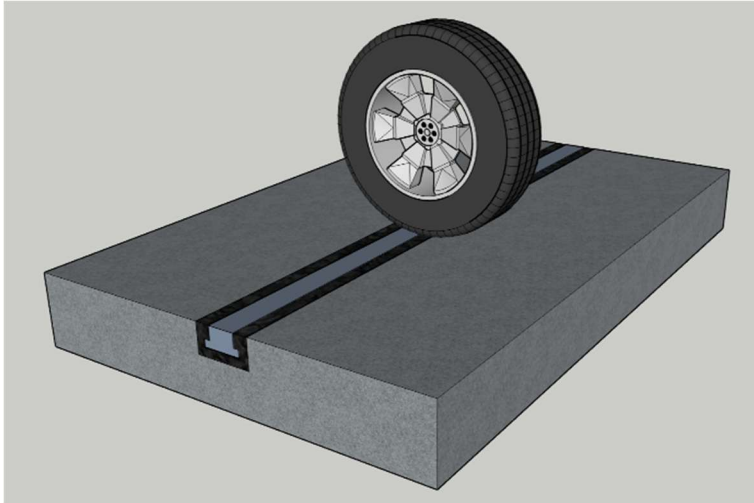
- Excellent service life
- Highest accuracy
- Visibility independent
- Noise free signal
- Maintenance free

The SL PUR sensor detects vehicles in road traffic for applications like axle counting, speed measurement, headway measurement, vehicle classification and cyclist counting. The SL PUR sensor is designed for permanent installation in concrete or asphalt roads. Its special T-shape ensures a fast and long-term installation.

The pressure of the wheel deforms the SL PUR sensor. This deformation decreases the optical transmittance inside the sensor. This transmittance change is detected by our opto-electronic interfaces like the dynamic or static optical transmittance analyzer and is transformed into signals for traffic data processing.



Easy and quick installation with SL PUR Slot Filler



Long durability and high accuracy

Accompanying Products

SL MA-110: Analog Electronic Interface with 1 channel
SL MA-210: Analog Electronic Interface with 2 channels
SL MA-310: Analog Electronic Interface with 3 channels
SL MD-220: Digital Electronic Interface with 2 channels
SL PUR SLOT FILLER: grout for installation

Ordering Information

SL PUR XXX-Y-ZZ (PE)	XXX: Sensor length (cm)
	Y: Connector type (1: Plastic FSMA, 2: Metal FSMA reusable)
	ZZ: Cable length (m)
	PE: Blue sensor cable with reinforced PE sheath

Links



Datasheet SL PUR Sensor

https://sensorline.de/road-traffic/road-traffic-products/fiber-optics-sensors/pur-sensor/datasheet_sl_pur_sensor.pdf

Datasheet SL PUR Slot Filler

https://sensorline.de/road-traffic/road-traffic-products/accessories/pur-slot-filler-material/datasheet_sl_pur_slot_filler.pdf



Installation Manual SL PUR Slot Filler

https://sensorline.de/road-traffic/road-traffic-products/fiber-optics-sensors/pur-sensor/installationmanual_sl_pur_slot_filler.pdf