

Hose Length Measuring Device SLM-3

for contact-free flushing distance measurement

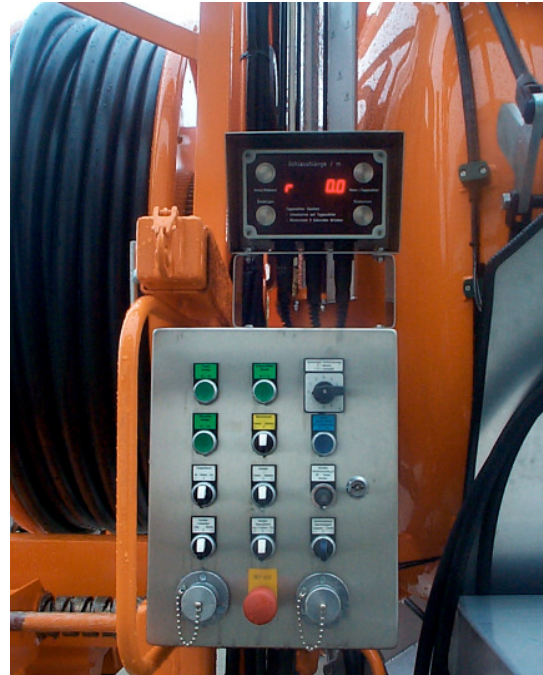
Description

This hose length measuring device measures flushing routes relative to an adjustable starting position as well as measuring daily distances as a sum of the „forward-flush“ operations.

The measuring device functions without the usual mechanical distance measurement (friction wheel), and is therefore not subject to the measuring errors which result from dirt contamination and slipping.

Based on a calibration done initially by the setup manufacturer, the microcomputer used in the device is able to determine the lengths of the hose which have been reeled off and reeled up from the movement of the reel. The sensing of the turning of the reel is done without contact, which simplifies the integration of the device in both new installations and as a retrofit.

The hose length measuring device is installed in a robust, watertight housing which can upon request be supplied with a stainless steel sun visor.



Technical Data:

Power Supply:	12 - 30 V DC (Motor Vehicle: 12 V / 24 V)
Measuring Resolution:	up to 1/10 of the circumference of the hose coil, depending upon the number of sender elements used
Measuring Accuracy:	better than 1% of the flushing distance with an evenly wound-up hose and completed calibration
Functions:	a) Measurement of the relative distance from the reset b) compilation of the daily flushing distances
Degree of Protection:	IP 67
Optional:	- Stainless steel sun visor - comm port for data delivery