



## Sealing and dispensing of adhesives and glues, PUR-Systems

### Automotive



#### www keywords:

- Seam sealing
- Application of Adhesives and Glues
- Epoxy Resins and Polyurethane
- PVC
- Laminating plants, PUR-Systems
- Isolation

#### Approvals:

- ATEX 94/9/EG
- GOST - R (für Russland)
- DKD DIN EN ISO/IEC 17025:2005
- DIN EN ISO 9001-2000
- CE
- CSA / UL

#### Your Contact Person

### Technical Data

Media:	Silicone sealants, underbody protection, Epoxy resins, Polyurethane and other polymersprotection, airless-spray
Temperature:	up to +150 °C (302°F), higher temperatures on request
Pressure:	up to 400 bar
Measuring Range:	0.01 up to 100 l/min

### Application

Dispensing systems facilitate mixing, dispensing and application of adhesives and sealing materials. The system always includes a material metering system with a control. With the preparation of the different components which are individually supplied via a pressure vessel to evacuated receptacles.

Special pumps and valve controls forward the material further to the metering- or mixing unit. This applies the adhesive to the workpiece.

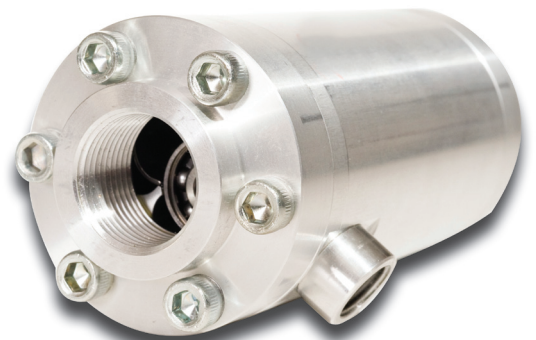
The desired mixing ratio of the components can be guaranteed via the closed loop process control. This process parameters are used for the Q.A. records and can be retraced at any time.

### Solution

Helical Flow Meters are particularly well suited to process highly viscous materials due to a comparatively low drop in pressure involved. Thanks to premium, non-corroding materials the helical gear wheel of the SRZ range is particularly suitable for the use of hotmelt adhesives.

### Advantages

- + Wide measuring ranges 1:100, 1:400
- + High accuracy and resolution
- + Low pressure drop
- + Double pulse rate
- + Ex-approval EExialICT4



Helical Flow Meter SRZ