

Project sheet: potting of sensors for motor management

task description potting of variants of motor management sensors with PU- resin. The dispensing process is part of a whole production line.

application field automotive

properties

- ✓ cycle time 8 sec
- ✓ 3- shift operation
- ✓ variants
- ✓ abrasive filler (resin)
- ✓ base/-and final potting with inline degassing
- ✓ material-re-circulation (standby mode)
- ✓ curing (oven)
- ✓ inline needle check
- ✓ extension (option)

construction

material conditioning (1)

- ➔ resin degassing



dispensing (2)

- ➔ variant detection with drive program linkage
- ➔ ring/-and cavity potting: base (80 %) final (20 %)
- ➔ repetitive accuracy check

inline degassing (3)

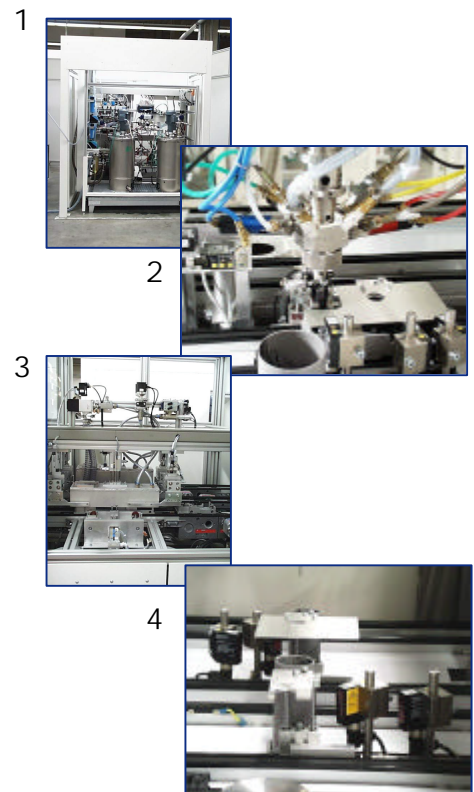
- ➔ degassing between base and final potting

inline needle check (4)

- ➔ cleaning of the outlet nozzles

curing

- ➔ vertical convection oven



layout drawing

