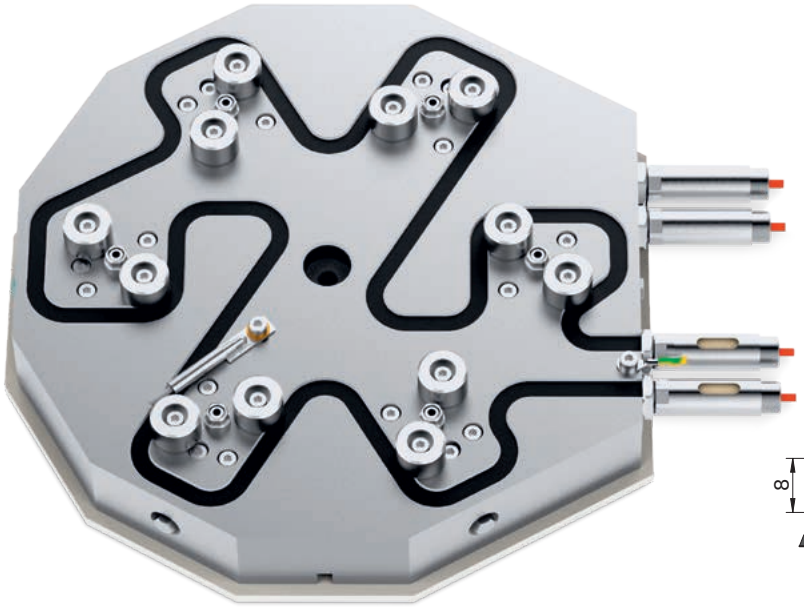
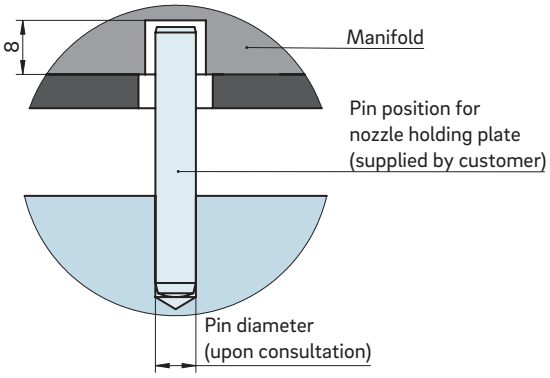
Star manifold type NSCP/NSDP/NSEP





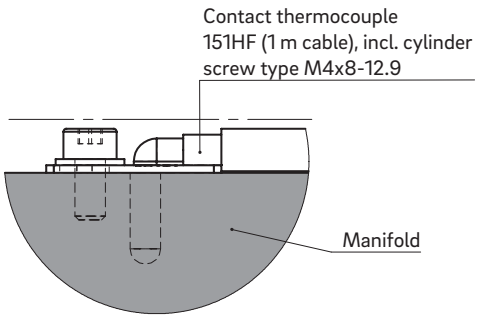
TECHNICAL DATA

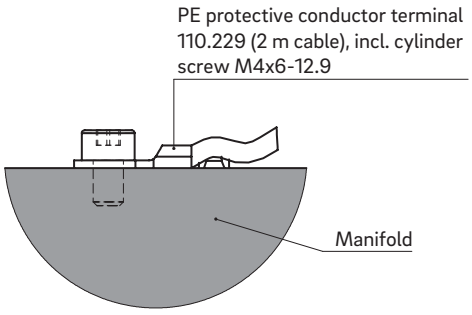
NSCP/NSDP/NSEP

Manifold height (VH)	**NSCP:** 36 mm **NSDP:** 46 mm **NSEP:** 56 mm
Operating voltage	230 V_{AC}*
Manifold length (VL)	ØTK + 2 × DS

The heating output of each control circuit is calculated individually.

*Volts alternating current

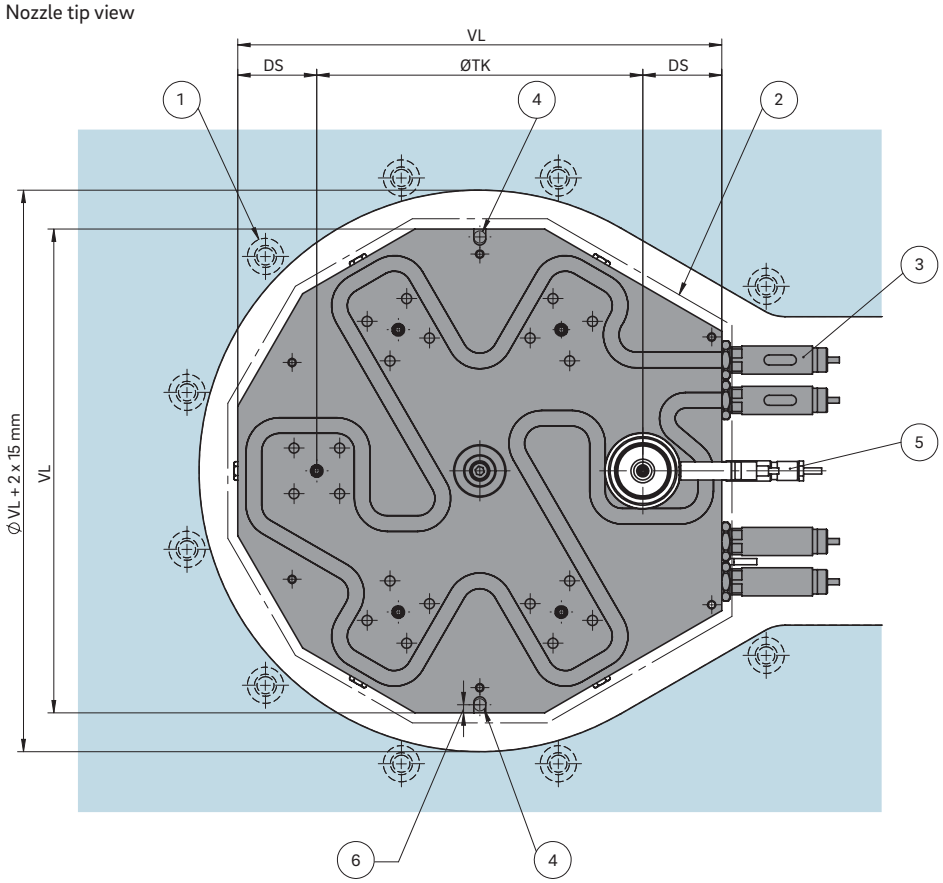




WEBCODE
33100

INSTALLATION

Nozzle tip view

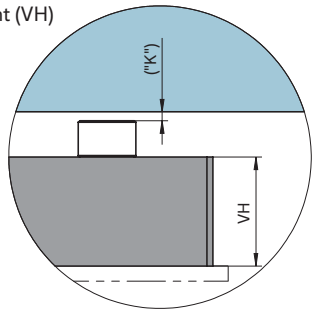


DS Edge distance:
a. min. 35.0 with nozzle size ≤ 6
b. min. 45.0 with nozzle size 8 or 10
c. min. 50.0 with nozzle size ≥ 12

ØTK Pitch circle diameter

① Screw connection close to manifold
② High-temperature insulation plate
③ Heating connections
④ Possible pin position
⑤ Opening and plug location dependent upon nozzle type
⑥ Pin position "SP" = d/2 + 1 mm

Manifold height (VH)



Dimension "K" required for heat expansion is to be ensured by grinding the pressure pad (12 + 0.1 mm)! Determine the difference between the height of the manifold system and the height of the frame plate when installed! ΔT specifies the temperature differential between the processing temperature and the mould temperature!

VH	ΔT (°C)	100	150	200	250	300	350
36 mm	K (mm)	0.021	0.059	0.098	0.137	0.177	0.217
46 mm	K (mm)	0.033	0.078	0.124	0.170	0.218	0.264
56 mm	K (mm)	0.046	0.097	0.150	0.203	0.258	0.311

Design examples/Balancing

Type		NSCP = 36 (VH) Melt channel Ød in mm	NSDP = 46 (VH) Melt channel Ød in mm	NSEP = 56 (VH) Melt channel Ød in mm	Number of drops
NS_P3B		≤ 8	≥ 10 to 12	≥ 16	3
NS_P6B			≤ 8	≤ 10	6
NS_P8B			≤ 8	≤ 10	8

B = balanced