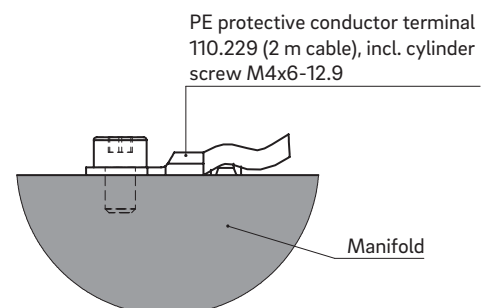
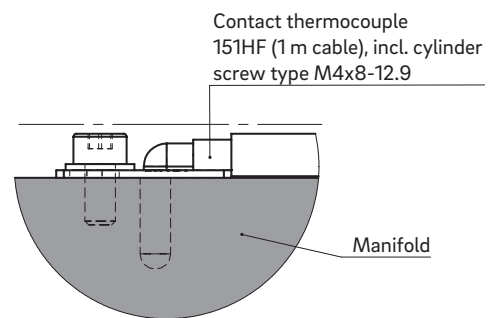
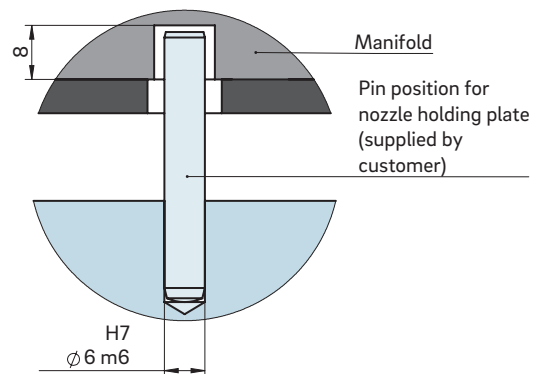




# Cross manifold type NKCP4/NKDP4

Manifold length (VL) 210



## TECHNICAL DATA

### NKCP4/NKDP4 210

**Manifold height (VH)** NKCP: 36 mm  
NKDP: 46 mm

**Operating voltage** 230 V<sub>AC</sub>\*

**Manifold length (VL)** 210

**Pin position (SP)** 60.8

**Control circuits** 1

**Power (watts) per control circuit** 2 × 1000

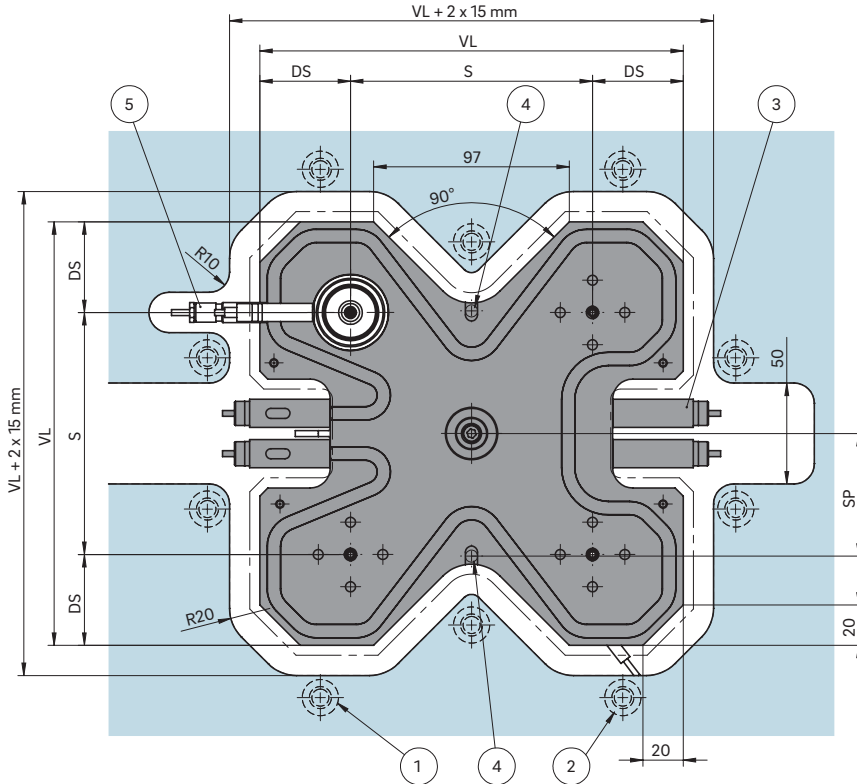
\*Volts alternating current

**WEBCODE**  
33080



## INSTALLATION

Nozzle tip view

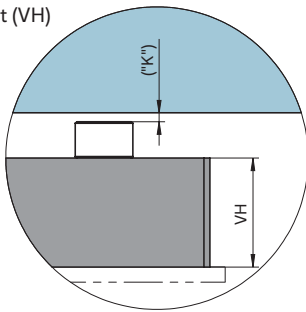


DS Edge distance:  
 a. min. 35.0 with nozzle size  $\leq 6$   
 b. min. 45.0 with nozzle size 8 or 10  
 c. min. 50.0 with nozzle size  $\geq 12$

S Pitch between the nozzles

- 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

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!  $\Delta T$  specifies the temperature differential between the processing temperature and the mould temperature!

VH	$\Delta T$ (°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

### Design examples/Balancing

Type		NKCP = 36 (VH) Melt channel $\varnothing d$ in mm	NKDP = 46 (VH) Melt channel $\varnothing d$ in mm	Number of drops
NK_P4B		$\leq 8$ DS min. 35	$\geq 10$ to 12 DS min. 50	4

B = balanced