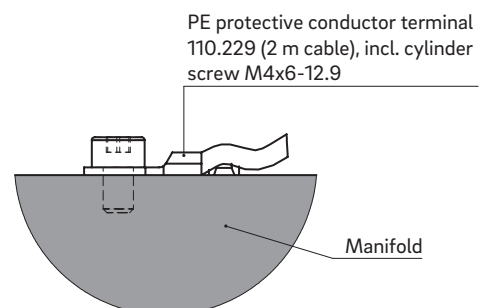
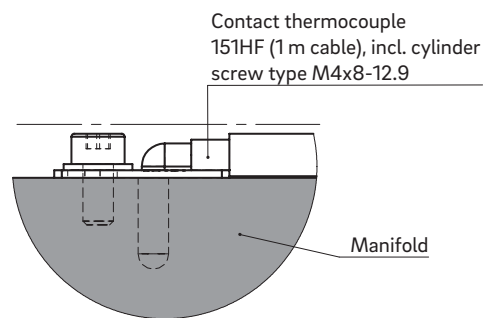
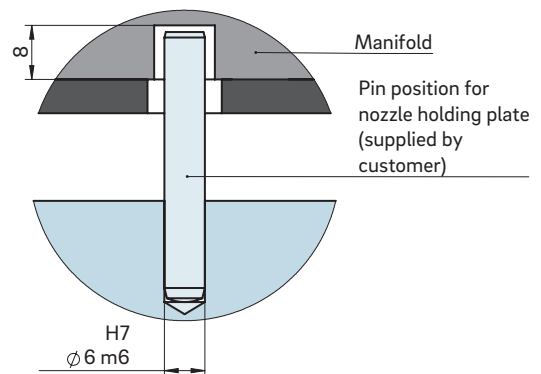




Cross manifold type NKCP4/NKDP4

Manifold length (VL) 135-165



TECHNICAL DATA

NKCP4/NKDP4 135/165

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

Operating voltage 230 V_{AC} *

| | | |
|-----------------------------|-----|-----|
| Manifold length (VL) | 135 | 165 |
|-----------------------------|-----|-----|

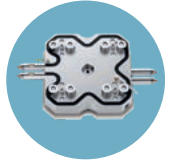
| | | |
|--------------------------|------|------|
| Pin position (SP) | 63.5 | 68.0 |
|--------------------------|------|------|

| | | |
|-------------------------|---|---|
| Control circuits | 1 | 1 |
|-------------------------|---|---|

| | | |
|--|---------|----------|
| Power (watts) per control circuit | 2 × 850 | 2 × 1000 |
|--|---------|----------|

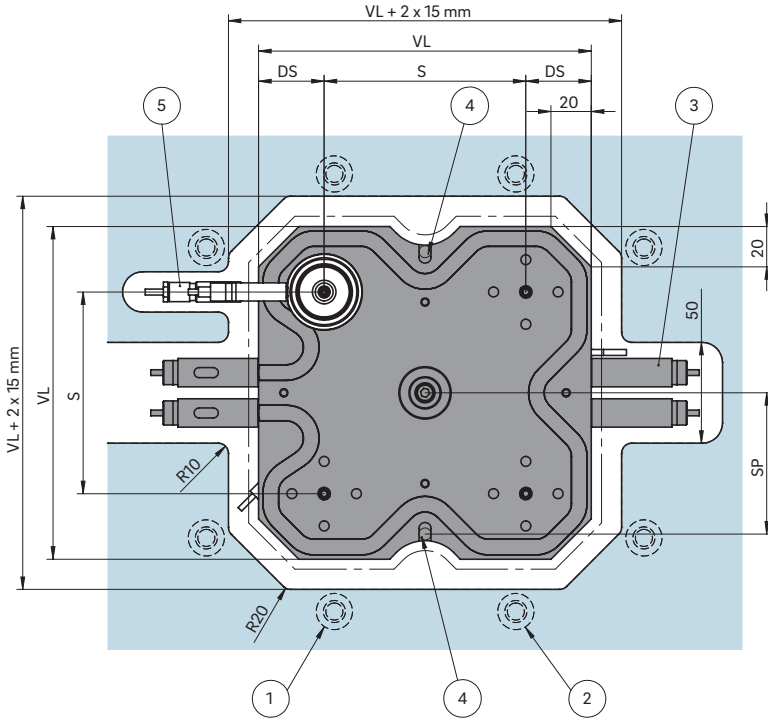
*Volts alternating current

WEBCODE
33060



INSTALLATION

Nozzle tip view

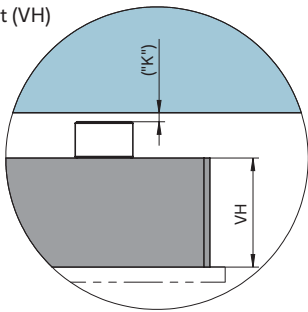


DS Edge distance:
 a. min. 35.0 with nozzle size ≤ 6
 b. min. 45.0 with nozzle size 8 or 10
 c. min. 50.0 with nozzle size ≥ 12

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! 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 |

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 | | ≤ 8 DS min. 35 | ≥ 10 to 12 DS min. 50 | 4 |

B = balanced