

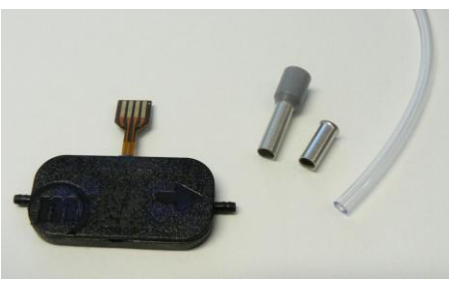
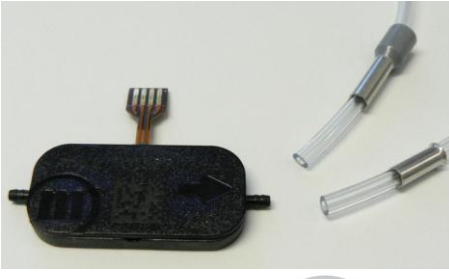


TechNote

Ferrule Sealing

The tubing clips of the mp6 are designed to be used with flexible tubing. The recommended tubing is Tygon tubing with 1.3 mm interior diameter (see our product: mp-t 1.3 mm). For the mp6-pp pump a different size of tubing is used (see our product: mp-t 1.02 mm).

Some applications may require a firmer fit between tubing and tubing clip to ensure a proper sealing. This can be achieved by using an additional ferrule that presses the tubing onto the tubing clip.

<ul style="list-style-type: none"> • mp6 pump • Tubing to be assembled • Ferrule <p>For both Tygon tubings, ferrules with 4 mm² rated cross-section (inner diameter 2.8 mm) work well. Possible products from Farnell:</p> <p>http://de.farnell.com/multicomp/spc4547/terminal-ferrule-2-8mm/dp/4573237</p> <p>http://de.farnell.com/weidmuller/9019190000/terminal-ferrule-10-x-2-8mm-grey/dp/1455216</p>	
<ul style="list-style-type: none"> • Put ferrule over tubing. 	
<ul style="list-style-type: none"> • Then push tubing fully on the tubing clip, so that the tubing end is against the pump body. • Then push ferrule along and the tubing down to the pump body too. <p>Do not twist the ferrule! This may twist off the tubing clip.</p> <p>It may be necessary to prolong the tubing a bit:</p> <p>While pushing the ferrule over the tubing, slightly pull the tubing as if you want to remove it from the tubing clip. This will make the outer tubing diameter a bit smaller and the ferrule can be pushed over completely.</p>	