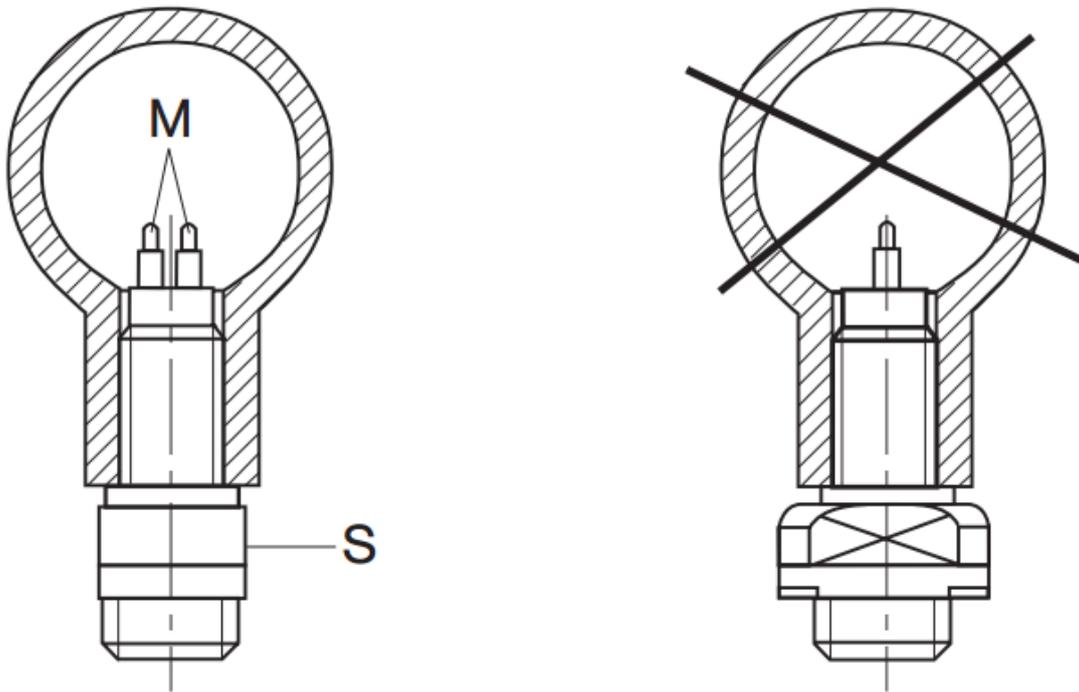


Training 12 - Installation - Alignment of the sensor 培训 12 - 安装 - 校准的传感器

Almost all FlowVision flow sensors have two sensor tips (M, see picture). Those sensor tips must always be aligned side by side across the direction of flow. This is guaranteed if the wrench flats (S, see picture) are aligned parallel to the pipe.

几乎所有的流量传感器都有两个传感器提示(见图)。这些传感器的尖端必须始终与水流方向一致。如果扳手平面(见图)与管道平行，这是有保证的。



But why? There are two main reasons for that:

但是为什么呢?有两个主要原因:

- 1) All flow meters are calibrated with the sensor tips aligned side by side across the direction of flow.所有的流量计都是与传感器的尖端并排在流动的方向上校准。
- 2) If the unheated sensor tip is placed before the heated sensor tip, there will be turbulences which affect the heat dissipation from the heated sensor tip. This will cause wrong measurement results. 如果将未加热的传感器尖端放置在加热的传感器尖端之前，将会有扰动，影响加热传感器尖端的散热。这将导致测量结果错误。

