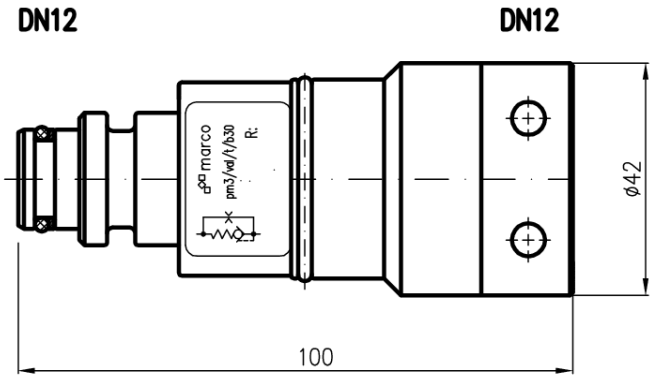
Data sheet
pm3/val/t/b30

Touch Valve, DN12

The touch valve protects the mechanical parts of a system. It is fitted into one of the lines of the hydraulic cylinder. As long as the hydraulic cylinder doesn't show any significant counteracting force, the flow rate is slowed down by the size of the orifice. Once the output has reached 30 bar, the valve opens completely and the flow rate is unchecked. This means, for instance that when shields are drawn, first of all any slackness is slowly pressed out. Only then, is the valve opened completely to allow the full flow rate. Without this valve, the mechanical parts of a system are unduly stressed as a hydraulic cylinder with no counteracting force is much faster and will hit the stationary shield at high speed.

This valve is also available with different orifice types.



pm3/val/t/b30

The touch valve is produced with two different connection sizes: DN12 (b) and DN20 (c).

Attention! For revision 1.0
If a hose is directly fitted in output A of this valve, so that a jet of water produced with high pressure differential hits the hose, the hose could be damaged. An angled connection prevents such damage occurring.

Order number	Rev.	Description
pm3/val/t/b30	**1.1**	**Touch valve, DN12 3.0 mm orifice**
pm3/val/t/c30		Touch valve, DN20, 3.0 mm orifice

Revision 1.8
doc:D/pm3/val/t/001w

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