



# Technical tables

## Pressure and flow controllers

### Self-acting pressure and flow controllers

Actuators	AVPL <sup>1)</sup> AHP <sup>1)</sup>	AVP <sup>1)</sup> AFP	AVQ <sup>1)</sup> AFQ	AVPB <sup>1)</sup> AFPB	AVPQ(4) <sup>1)</sup> AFPQ(4)	AHQM <sup>1)</sup>	AVQM <sup>1)</sup> AFQM <sup>1)</sup>	AVA <sup>1)</sup> AFA	AVPA <sup>1)</sup> AFPA	AVD <sup>1)</sup> AFD	PCV <sup>1) 2)</sup>
Valves		VFG 2(1)	VFQ 2	VFQ 2	VFQ 2			VFG 2(1)	VFG 2(1)	VFG 2(1)	
<b>PN [bar]</b>	16	16/25/40	16/25/40	16/25/40	16/25/40	16	16/25/40	16/25/40	16/25/40	16/25/40	16/25/40
<b>DN [mm]</b>	15 15-100	15-50 15-250	15-50 15-250	15-50 15-125	15-50 15-250	15-100	15-50 40-250	15-50 15-250	15-50 15-250	15-50 15-250	100-250 <sup>3)</sup>
<b>Max diff. pressure [bar]<sup>4)</sup></b>	4.5/2.5	12/16/20	12/16/20	12/16/20	12/16/20	4	12/16/20	12/16/20	12/16/20	12/16/20	10/12/15
<b>Max. media temp. [°C]</b>	120	150/200	150/200	150/200	150/200	120	150	150/200	150/200	150/200	150/ 200/300
<b>Connection</b>	Thread / Flange										Flange
<b>Diff. pressure control [P]</b>	X	X		X	X	(X) <sup>5)</sup>	(X) <sup>5)</sup>				X
<b>Flow control [Q]</b>			X		X	X	X				X
<b>Flow limitation [B]</b>				X							
<b>Motorized control [M]</b>						X	X				
<b>Pressure relief [A]</b>								X	X		X
<b>Pressure reduction [D]</b>										X	X

<sup>1)</sup> Type designation covers a complete controller

<sup>2)</sup> The pilot-controlled valves (PCV) can be equipped with one or several pilot controllers for the requested functions

<sup>3)</sup> Smaller dimensions (DN) available as well

<sup>4)</sup> Max diff. pressure depends on DN

<sup>5)</sup> Controller has differential pressure controller already built in , it controls constant differential pressure over control valve built in A\_QM

**Note:** Controllers with fixed differential pressure setting are also available but are not mentioned in the matrix