

## Type series AB, AV and AT

### Solenoid valves for liquid media normally closed



#### Medium temperature

-10...+90 °C (AB)

0...+90 °C

#### Sealing

Perbunan (NBR)



The Solenoid Valve series AV is designed for **Safety function in accordance with DIN EN 264 (Registration No. 5S235/2000)** for Heating liquid fuel EL supply systems.

The AB-series are suitable for neutral media such as water and hydraulic oil. They operate without minimum differential pressure.

DN	$k_{VS}$ -value (m <sup>3</sup> /h)	Pressure range (bar)	Threaded connections	Weight (kg)	Type
<b>Brass valve body, Membrane: Perbunan (NBR)</b>					
10	1.8	0-10	G 3/8"	0.4	<b>AB10</b>
13	3.5	0-10	G 1/2"	0.55	<b>AB13</b>
20	8.6	0-10	G 3/4"	1	<b>AB20</b>
25	11	0-10	G 1"	1.7	<b>AB25</b>
25	11	0-10	G 1 1/4"	1.7	<b>AB32</b>
40	30	0-10	G 1 1/2"	3.5	<b>AB40</b>
40	30	0-10	G 2"	3.5	<b>AB50</b>

The solenoid valves **series AV** are designed for safety function in liquid fuel supply systems. The valves prevent unintended draining of the system and storage tanks in case of malfunction of burner or filter.

DN	$k_{VS}$ -value (m <sup>3</sup> /h)	Pressure range (bar)	Threaded connections	Weight (kg)	Type
<b>Brass valve body, Sealing: Viton</b>					
10	1.8	-0.9-4	G 3/8"	0.4	<b>AV102MS2</b>
13	3.5	-0.9-4	G 1/2"	0.55	<b>AV131MS2</b>
20	8.6	-0.9-10	G 3/4"	1	<b>AV201MS2</b>
25	11	-0.9-10	G 1"	1.7	<b>AV251MS2</b>
25	11	-0.9-10	G 1 1/4"	1.7	<b>AV252MS2</b>
40	30	-0.9-10	G 1 1/2"	3.5	<b>AV401MS2</b>
40	30	-0.9-10	G 2"	3.5	<b>AV402MS2</b>

Device plugs see series GB.

The solenoid valves **series AT** is designed for shut off function in domestic hot water systems. AT valves are approved according EN 60730 as electrical shut off valves up to 50 °C. Sealing material EPDM is recommended by German Health authorities (KfW).

DN	$k_{VS}$ -value (m <sup>3</sup> /h)	Pressure range (bar)	Threaded connections	Weight (kg)	Type
<b>Brass valve body, Sealing: EPDM</b>					
10	1.8	0-10	G 3/8"	0.4	<b>AT10</b>
13	3.5	0-10	G 1/2"	0.55	<b>AT13</b>
20	8.6	0-10	G 3/4"	1	<b>AT20</b>
25	11	0-10	G 1"	1.7	<b>AT25</b>
25	11	0-10	G 1 1/4"	1.7	<b>AT32</b>
40	30	0-10	G 1 1/2"	3.5	<b>AT40</b>
40	30	0-10	G 2"	3.5	<b>AT50</b>

Device plugs see series GB.