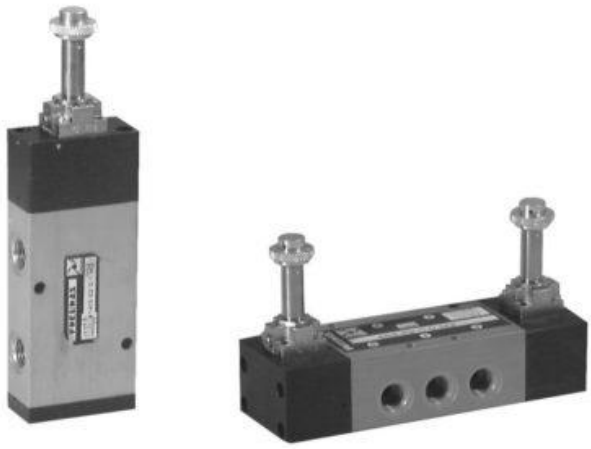
PNEUMAX

488 Series Valves



800.909.4988
info@rankinusa.com

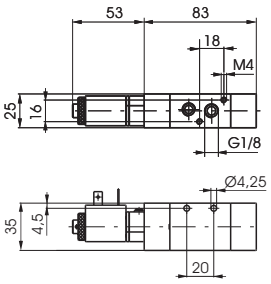
RANKIN
COMPONENTS THAT AUTOMATE

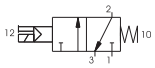
Solenoid - Spring

Ordering code

488.32.0.1.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)





Weight gr. 220
Minimum working pressure 2,5 bar

Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

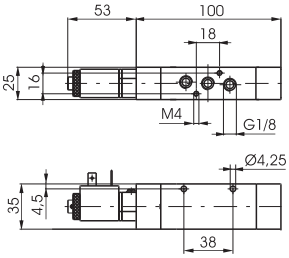
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	620	20,3	44,5	10	6	G1/8"	-5 ÷ +50

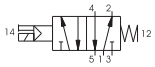
Solenoid - Spring

Ordering code

488.52.0.1.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)





Weight gr. 260
Minimum working pressure 2,5 bar

Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

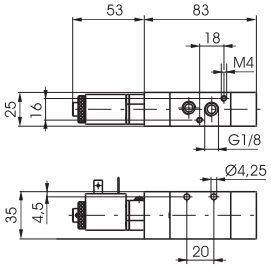
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	620	22,5	47,0	10	6	G1/8"	-5 ÷ +50

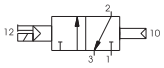
Solenoid - Differential

Ordering code

488.32.0.12.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)





Weight gr. 220
Minimum working pressure 2,5 bar

Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

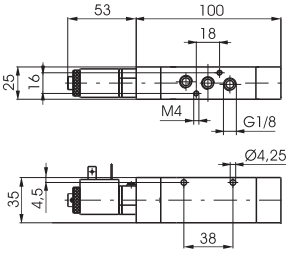
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	620	28,0	34,5	10	6	G1/8"	-5 ÷ +50

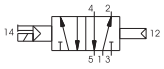
Solenoid - Differential

Ordering code

488.52.0.12.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)





Weight gr. 260
Minimum working pressure 2,5 bar

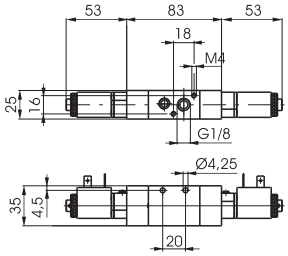
Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

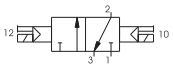
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	620	28,3	35,5	10	6	G1/8"	-5 ÷ +50

2

Solenoid - Solenoid

Ordering code	
488.32.0.0.Ⓢ	
Ⓢ	VOLTAGE
	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)





Weight gr. 320
Minimum working pressure 2 bar

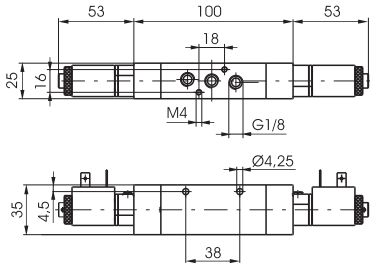
Operational characteristics

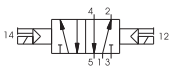
Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	620	19,0	21,1	10	6	G1/8"	-5 ÷ +50

Solenoid - Solenoid

Ordering code	
488.52.0.0.Ⓢ	
Ⓢ	VOLTAGE
	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)





Weight gr. 360
Minimum working pressure 2 bar

Operational characteristics

Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

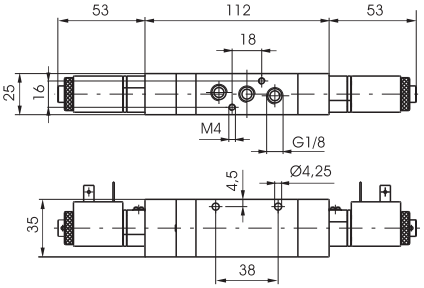
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	620	18,2	18,5	10	6	G1/8"	-5 ÷ +50

Solenoid - Solenoid (Closed centres)

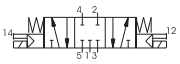
Ordering code

488.53.31.0.0.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)



Weight gr. 400
Minimum working pressure 3 bar



Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

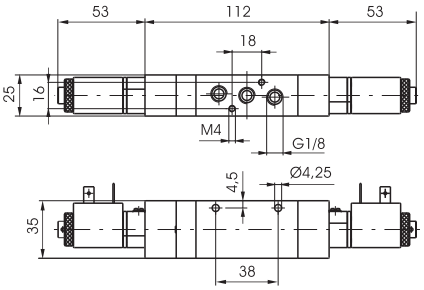
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	410	23,0	41,0	10	6	G1/8"	-5 ÷ +50

Solenoid - Solenoid (Open centres)

Ordering code

488.53.32.0.0.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)



Weight gr. 400
Minimum working pressure 3 bar

Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

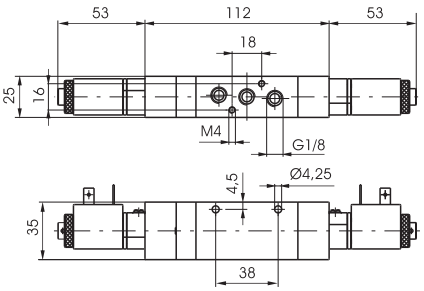
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	410	21,5	38,0	10	6	G1/8"	-5 ÷ +50

Solenoid - Solenoid (Pressured centres)

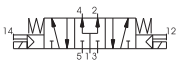
Ordering code

488.53.33.0.0.Ⓢ

	VOLTAGE
Ⓢ	M11=24V D.C. (rating power 3,8W)
	M56=24V 50/60Hz (starting power 9VA, rating power 6VA)
	M57=110V 50/60Hz (starting power 9VA, rating power 6VA)
	M58=230V 50/60Hz (starting power 9VA, rating power 6VA)



Weight gr. 400
Minimum working pressure 3 bar



Operational characteristics — Shifting time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Responce time according to ISO 12238, activation time (ms)	Responce time according to ISO 12238, deactivation time	Max working pressure (bar)	Orifice size (mm)	Working ports size	Temperature °C
Filtered and lubricated air	410	18,9	40,2	10	6	G1/8"	-5 ÷ +50