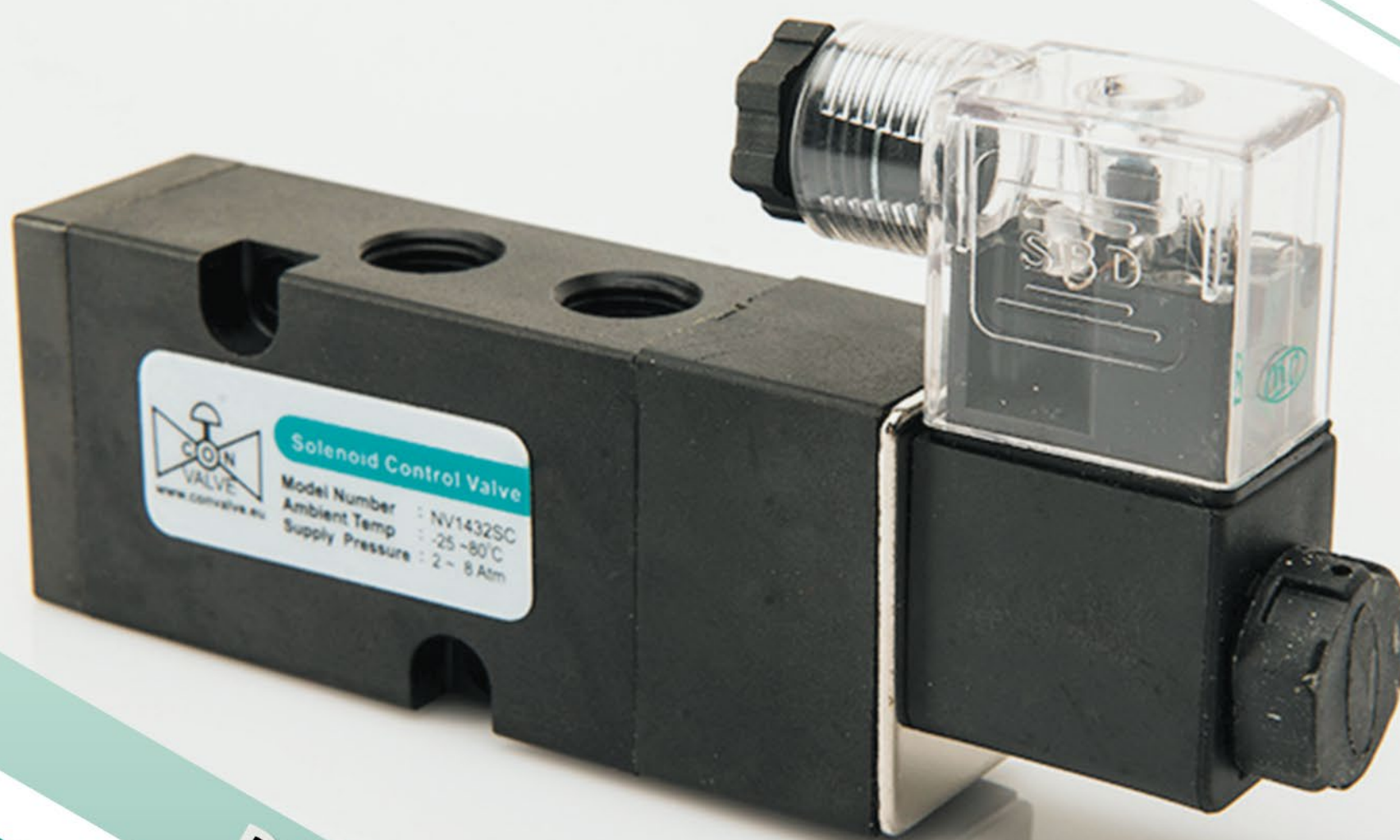




CONVALVE
SPECIALIST IN VALVE AUTOMATION



DIRECT MOUNT SOLENOID VALVE



ISO 9001
Quality



ISO 14001
Environment



OHSAS 18001
Health & Safety






DIRECT MOUNT SOLENOID VALVE
ANODIZED ALUMINUM BODY, NAMUR MOUNTING

DESCRIPTION

Direct-mount solenoid valves are adaptable for **5/2** or **3/2 NC** functions, allowing for the electrical control of double-acting or spring-return air-actuated valves. These valves are mounted directly onto actuators using the **international standard NAMUR interface**. The compact high-flow design includes a black anodized aluminum body with a low-watt molded coil. Unique long-life spool and sleeve design can be used with lubricated or non-lubricated air. Easy wire DIN 1/2" conduit plug connector with built-in screw terminals is included with each valve.

FEATURES

- International NAMUR standard mounting
- Adaptable to 5/2 (5-way) or 3/2 (3-way NC) functions
- Controls spring return or double-acting pneumatic actuators
- Long life spool and sleeve design
- Twist and lock manual override
- Low wattage coil rated IP65 dust-tight and weatherproof,
-  Exproof coils are available Ex MB II CT4 Gb IP65, Ex d II CT6
- Easy wire 1/2" conduit DIN plug connector with screw terminals
- Continuous duty 100% duty cycle

APPLICATION

Direct mount air solenoid valve can be adapted for 5/2 or 3/2 functions for electrically controlling spring return or double-acting air actuators. Valves mount directly to pneumatic actuators with international standard NAMUR VDI/VDE 3845 interface saving time, space and plumbing.

OPERATION

Applying power to the coil shifts the solenoid valve and moves the actuator from position 1 to position 2. The solenoid valve and actuator return to the normal position 1 with a loss of power or air pressure. Twist and lock manual override is useful in operating the valve during setup, testing, or power outage situations. Optional speed controls can be installed in the exhaust ports to control actuator speed in both directions.



PRESSURE TEMPERATURE

- Operating Pressure: 2-8 Bar
- Working Temperature: -25 to 80° C
- Ambient Temp. of Coil: -20 to 50° C
- Media: 40-micron filtered and dried compressed air
- * Moisture-free air required below 0° (C 32° F)

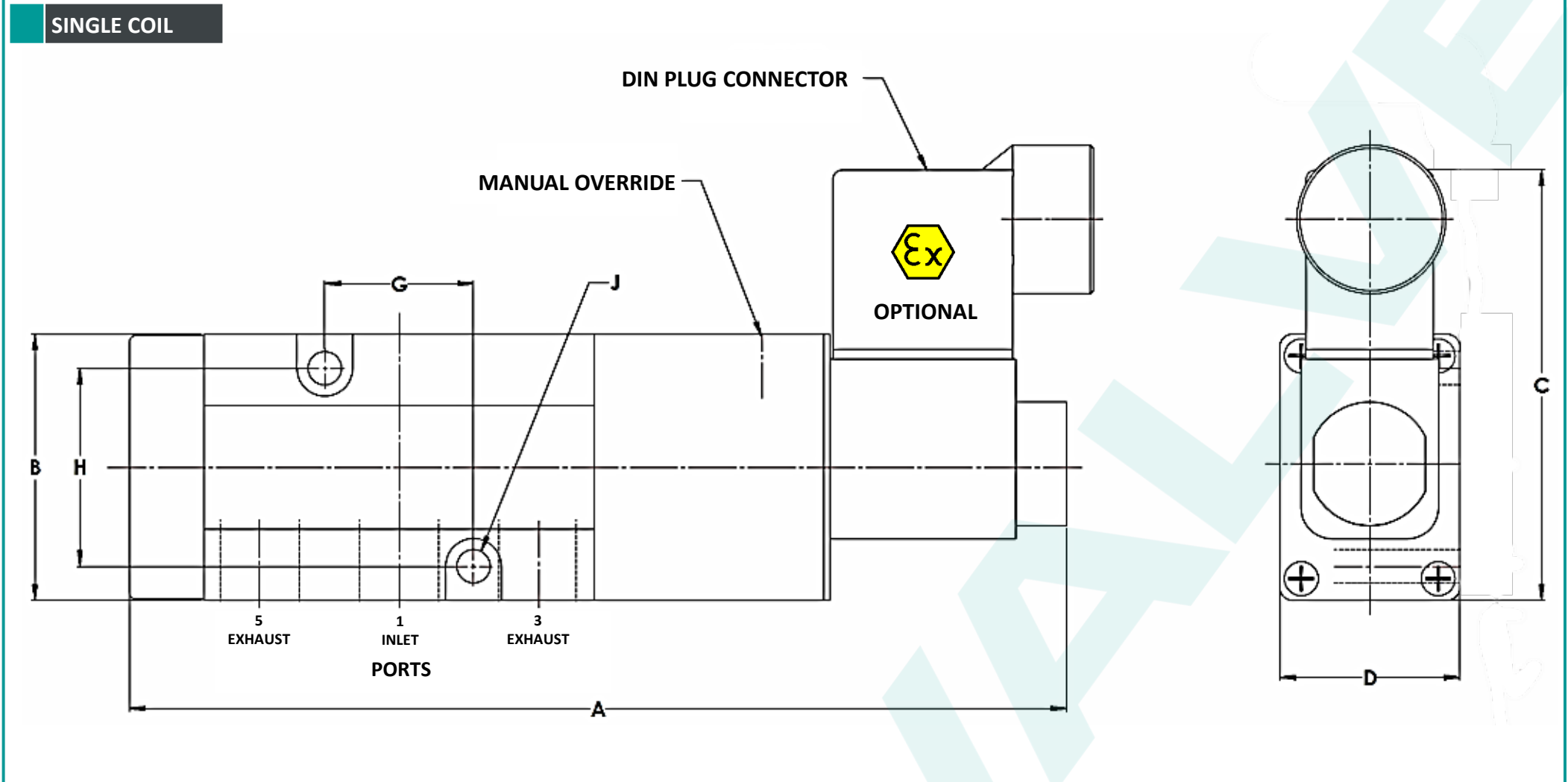
OPTIONS

- Speed control mufflers
- Namur flow rate control valve

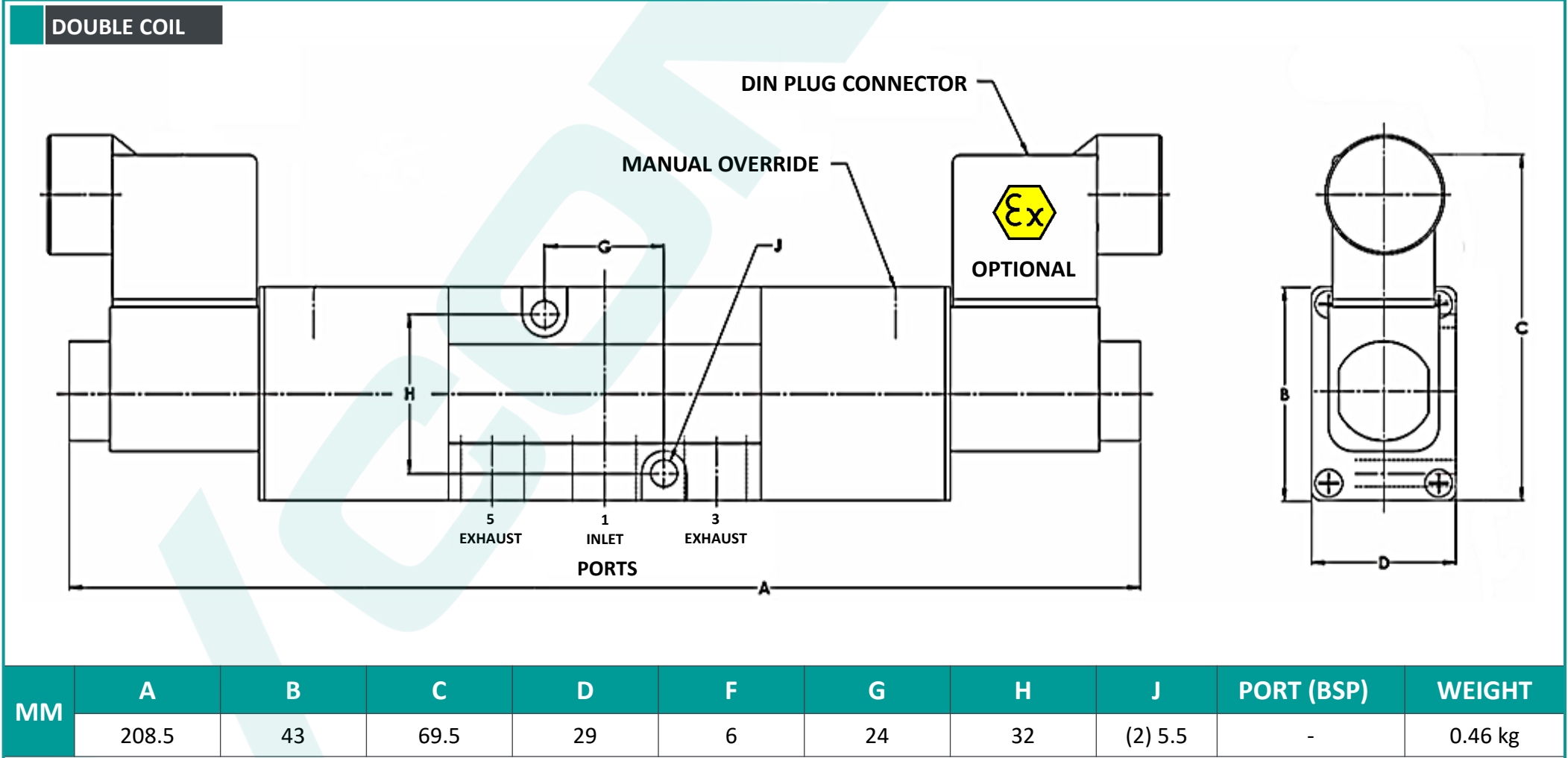
CONSTRUCTION

BODY	Black Anodized aluminium, glass filled PA, POM
SEALS	NBR (Buna N)
SPOOL	Aluminium
FASTENERS	Stainless Steel
COIL	Molded, Class F insulation, 100% continuous duty
COIL TYPE	General purpose IP65 dusttight and weatherproof
ELECTRIC CONNECTOR	Mini DIN 43650/ ISO 4400, 1/2" female conduit
MANUAL OVERRIDE	Twist and lock

DIMENSIONS MM



MM	A	B	C	D	F	G	H	J	PORT (BSP)	WEIGHT
	153.5	43	69.5	29	6	24	32	(2) 5.5	-	0.36 kg



MM	A	B	C	D	F	G	H	J	PORT (BSP)	WEIGHT
	208.5	43	69.5	29	6	24	32	(2) 5.5	-	0.46 kg