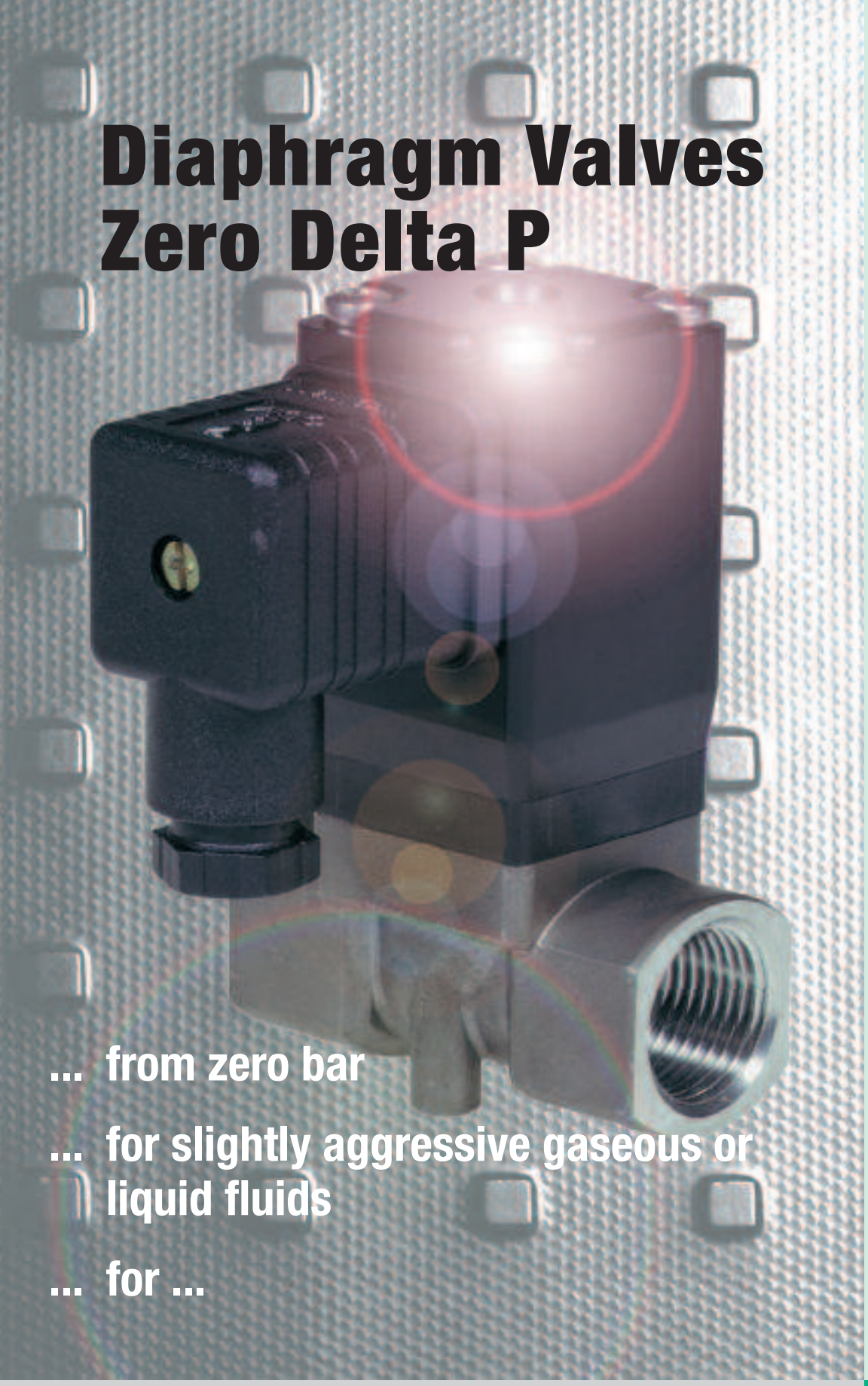
Diaphragm Valves Zero Delta P



... from zero bar

... for slightly aggressive gaseous or liquid fluids

... for ...

Valve Technology and Systems

Buschjost®

2/2-way valves DN 10

For slightly aggressive gases and liquids
Solenoid actuated, with forced lifting
Diaphragm valves
Internal thread G 1/4 to G 1/2 or 1/4" NPT to 1/2" NPT
Operating pressure: 0 to 10 bar



Description (standard valve)

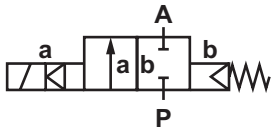
Solenoid valve for slightly aggressive gases and liquids

Switching function:	normally closed
Flow direction:	determined
Fluid temperature:	-10 °C up to max. +90 °C
Ambient temperature:	-10 °C up to max. +50 °C
Mounting position:	as required, preferably with solenoid vertical on top

Material

Body:	Stainless steel, PA 66
Seat seal:	NBR
Internal parts:	Stainless steel, PVDF, Sandvik 1802

For contaminated fluids the use of a strainer upstream of the valve is recommended.



Features

- Suitable for vacuum
- Functional design
- Compact solenoid with integrated core tube
- Valve operates without differential pressure

Technical data

Connection size G	DN mm	Valve length mm	kv-Value m³/h	Part number for DC voltage*	Operating pressure bar NBR 00	FPM 110 °C 03	EPDM 110 °C 14	HNBR +150 °C 51
1/4	10	44	1.5	82560**XX**.8001.**00000**	0 - 10	0 - 10	0 - 10	0 - 6
3/8	10	44	1.7	82561**XX**.8001.**00000**	0 - 10	0 - 10	0 - 10	0 - 6
1/2	10	60	1.7	82562**XX**.8001.**00000**	0 - 10	0 - 10	0 - 10	0 - 6

* For orders please state voltage and frequency, e.g.: 8256000.8004.**23049** for 230V 40-60Hz (AC with rectifier plug only, included) or 8256000.8001.**02400** for 24V DC

Solenoid 8001 (standard voltages)

DC	AC 40-60Hz	
24V	24V	-
-	110V	120V
	230V	220V

Design according to DIN VDE 0580
Voltage range +/-10%, duty cycle 100%
Protection class according to EN 60529: IP65
Electrical connector according to DIN EN 175301-803 (included)
AC with rectifier plug only

Power consumption

Solenoid	DC	AC Inrush	AC Holding
8001	12W	-	-
8004	-	13VA	13VA