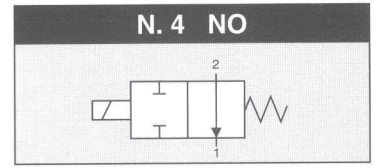
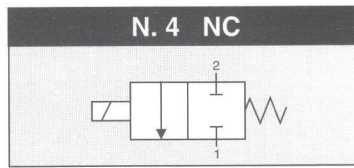


CONTROL: DIRECT PFM PNM PWM



GENERAL CHARACTERISTICS

FLUID	Non-lubricated dry air, neutral gases (-10 + 50°C)		
FILTRATION RATING	Min 40 micron		
TEMPERATURE	- 10 + 50°C (Standard version)		
RESPONSE TIME IN OPENING	12 / 24 < 7 ms	JJ < 5 ms	XX / KK < 2 ms
RESPONSE TIME IN CLOSING	12 / 24 < 3 ms	JJ < 2 ms	XX / KK < 2 ms
MAXIMUM FREQUENCY	100 Hz	200 Hz	300 Hz
WEIGHT	340 g		
PRODUCT LIFE EXPECTANCY	≥ 500 M/s cycles		
IP RATING	IP 52 - IP 62 - IP 65		

IDENTIFICATION CODE

H X 7 5 4 4 E V C 2 24

**OUTLETS**

4	4 Outlets
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**ORIFICES**

H	Ø eq = 1.3 mm
B	Ø eq = 1.8 mm
M	Ø eq = 2.1 mm (control tension JJ XX KK)

**VERSION**

	Standard
H	HNBR Shutters

**No. ELECTRICAL CONTROLS**

4	4 Control
8	8 Control
C	4 Controls / Integrated diodes with common 0 V
D	8 Controls / Integrated diodes with common 0 V
F	4 Controls / Integrated diodes with common 12 / 24 V
G	8 Controls / Integrated diodes with common 12 / 24 V

**PORT CONNECTION**

0	Integrated cables IP 62 L = 500 mm
E	Presetting for Easy connection IP 52 - IP 65

**SPECIAL PROTECTIONS**

	Only with EASY IP 65 port connection
M	Stainless steel (INOX) flanges
N	EPOX BLACK varnished flanges

**FUNCTION**

A	NO
C	NC

**TYPE**

2	2/2
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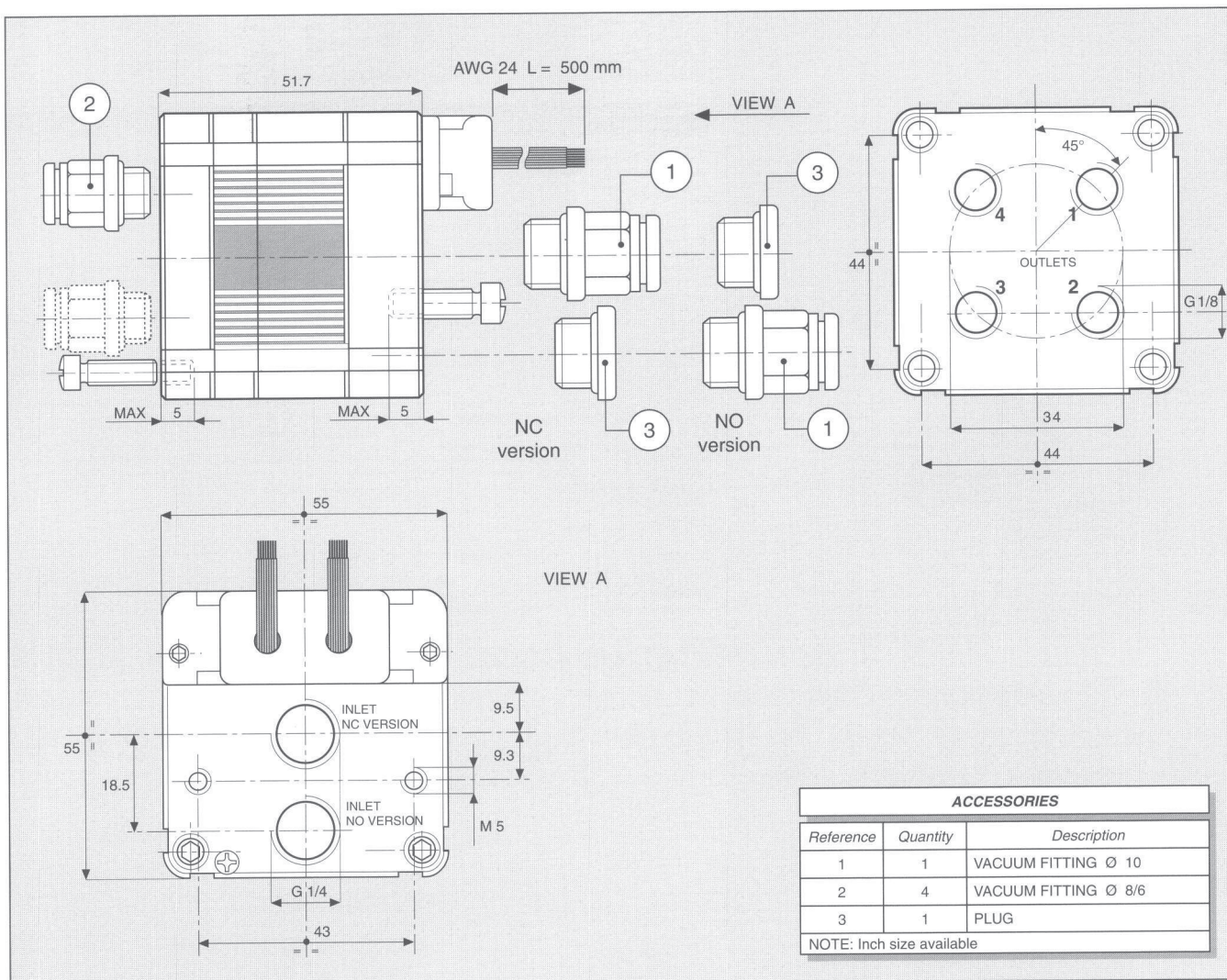
**CONTROL TENSION**

12	12 VDC ± 10 %	ED 100 %	1.4 + 2.9W
24	24 VDC ± 10 %	ED 100 %	1.2 + 2.5W
JJ	24 VDC ± 10 %	ED 100 % <sup>(1)</sup>	1.9 + 3.8W
XX	Speed-up in current	ED 100 % <sup>(1)</sup>	—
KK	Speed-up in tension	ED 100 % <sup>(1)</sup>	—

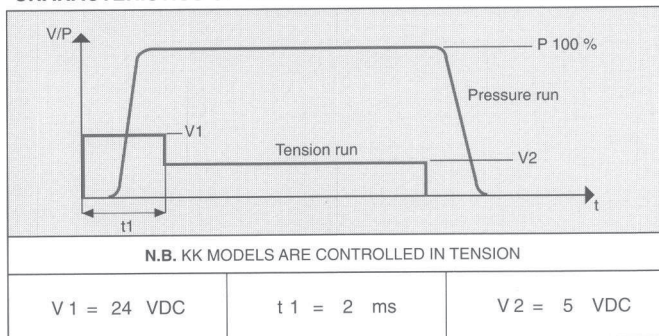
(1) Only with Electronic Driver Boards PRB or UDB

**OPERATING PRESSURE**

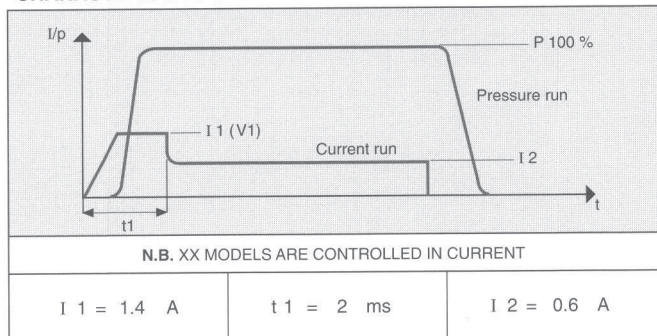
	RANGE	MODELS
V	10 <sup>-5</sup> Torr	All



CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS KK



CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



ELECTRICAL PORT CONNECTION

COLOUR	4 CONTROLS	8 CONTROLS (OUTLET)
BLACK	COMMON	COMMON
BROWN	1	1 (1)
RED	2	2 (1)
ORANGE	3	3 (2)
YELLOW	4	4 (2)
GREEN	—	5 (3)
BLUE	—	6 (3)
VIOLET	—	7 (4)
GREY	—	8 (4)