Technical data

Motoric Valve Drive 24 V (AM3) · https://faqdoc.info/en/systemauswahl/motoric-valve-drive-6/motoric-valve-drive-24-v-am3-en/technical-data/

Type	**Mode MPR/V/O 46846**	**Mode M3P / M3V**
Operating voltage	24 V a.c., -10 % ... +20 %, 50-60 Hz	24 V a.c., -10 % ... +20 %, 50 – 60 Hz
	24 V d.c., -20 % ... +20 %	24 V d.c., -20 % ... +20 %
Operating power	2.0 VA/ 1.0 W	2.0 VA/ 1.0 W
Max. current consumption (a.c. / d.c.)	95 mA / 45 mA	95 mA / 45 mA
Power consumption standby (a.c. / d.c.)	30 mA / 10 mA	30 mA / 10 mA (2-point mode or at the end stop)
Resistance of control voltage input	100 kΩ	
Feedback signal	Voltage range: 0 V ... 10 V	
	Output current: 1 mA	
	Load impedance: 10 – 1000 kΩ	
	Resolution: 0.1 V	
Stroke	Standard: Max. 8.5 mm (default)	Standard: Max. 8.5 mm (default)
	adjustable: 2 mm – 8.5 mm	adjustable: 2 mm – 8.5 mm

Actuation force	Standard: 125 N -20/+40% (default)	Standard: 125 N -20/+40% (default)
	depending on variant: 100, 150, 200 N -20/+40%	depending on variant: 100, 150, 200 N -20/+40%
Actuation time	Standard 15 s/mm (default)	Standard 15 s/mm (default)
	depending on variant: 30 s/mm	depending on variant: 30 s/mm
LCD (H × W)	10 × 20 mm Blue backlight, can be switched on	No relevant function
LED	multicolor	multicolor
Protection type/class	IP 54 / III	IP 54 / III
Fluid temperature	0 °C ... +100 °C	0 °C ... +100 °C
Ambient temperature	0 °C ... +50 °C	0 °C ... +50 °C
Storage temperature	-20 °C ... +70 °C	-20 °C ... +70 °C
CE conformity according to	EN 60730	EN 60730
Casing	Material: Polyamide	Material: Polyamide
	Color: Signal white (RAL 9003)	Color: Signal white (RAL 9003)
Casing cover	Material: Polycarbonate	Material: Polycarbonate
	Color: transparent	Color: transparent
Cable	4 x 0.22 mm² PVC Optional: 3 x 0.22 mm² PVC	3 x 0.22 mm² PVC
	Color: White	Color: White
	Length: 1 m	Length: 1 m
Dimensions (W × H × D)	45 × 65 × 90 mm	45 × 65 × 90 mm

Weight with connection cable (1 m)	155 g	155 g
Surge strength according to EN 60730-1	1 kV	1 kV