

## **Product Cross Reference**

**Current to New Generation** 

		GM24-MFT US	GMX24-MFT (New Generation)
	Torque	320 in-lb [36 Nm]	360 in-lb [40 Nm]
	Running time	Variable (120 to 300 secs)	Variable (70 to 280 secs)
OPERATION	Noise Level	max. <45 db(A)	<45 dB(A)
	Motor Technology	Brushless DC	Brushless DC
0	Overload Protection	Electronic throughout 0 to 95° rotation	Electronic throughout 0 to 95° rotation
	Operating Temperature	-22°F to +122°F [-30°C to +50°C]	-22°F to +122°F [-30°C to +50°C]
	Operating Humidity	0 to 95% RH, non-condensing	0 to 95% RH, non-condensing
	Operating Range 'Y'	Variable (VDC, PWM, Floating Pt, On/Off)	Variable (VDC, PWM, Floating Pt, On/Off)
CONTROL	Input Impedance	100 kΩ (0.1 mA), 500Ω	100 kΩ (0.1 mA), 500Ω
INO		1500Ω (PWM, Floating Pt, On/Off)	1500Ω (PWM, Floating Pt, On/Off)
ပ	Feedback Output 'U'	VDC Variable	VDC Variable
NING	Dimensions	9.49° [241]  1.18° [30]  8.43° [214]	7.02" [178.4] 92 1.42" [36] 5.6" [142.4] 2" [50.8]
SIO	(L x W x H)	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
MIS	With conduit fitting	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
0 M	Without conduit fitting	8.43" x 4.88" x 3.15" [214 x 124 x 80 mm]	7.02" x 4.55" x 2.87" [178.4 x 115.6 x 72.9]
NG & O	Shaft Diameters	15/32" to 3/4" [12 mm to 20 mm] self-centers on 3/4"	5/16" to 1.05" [8 mm to 26mm] self-centers on 1/2", 3/4", 1.05" with insert
MOUNTING & COMMISSIONING	Direction of Rotation	Reversible with A/B switch	Reversible motor direction with CW/CCW switch. Clicks in place.
	Manual Override	External button	External push button.
	Position Indication	Reversible indicator from 0 to 1	Snap on visual indicator. Reflective in low light conditions.
	Angle of Rotation	0 to 95°, adjust with mechanical stops Electronically variable	0 to 95°, adjust with mechanical stops Electronically variable
	Power supply	24 VAC ± 20% 50/60 Hz	24 VAC ± 20% 50/60 Hz
WIRING	Power running	24 VDC ± 10% 3.6 W	24 VDC ± 10% 4.5 W
MIR	Power running Consumption holding	2 W	2 W
AL	Transformer sizing	7 VA (Class 2)	7 VA (Class 2)
ELECTRICAL	Electrical Connection	3 FT, 18 GA appliance rated 1/2" conduit connector	3 FT, 18 GA plenum rated 1/2 in. conduit connector
	Housing Rating	NEMA 2	NEMA 2/IP54
ION	Housing Material	UL 94-5V	UL 94-5V
CONSTRUCTION	Agency Listings	UL 873 listed, CSA C22.2  No.24 certified, CE	cULus acc. to UL 60730-1/-2-14 and CAN/CSA C22.2 No.24, CE according to 73 / 23 / EEC
ONS	Storage Temperature	-40°F to +176°F [-40°C to +80°C]	-40°F to +176°F [-40°C to +80°C]
S	Weight	4.2 lbs [1.9kg]	3.4 lbs [1.55kg]



## **Product Cross Reference**

**Current to New Generation** 

		GM24-SR US	GMB24-SR (New Generation)
	Torque	266 in-lb [30 Nm]	360 in-lb [40 Nm]
	Running time	150 seconds	150 seconds
	Noise Level	max. <45 db(A)	<45 dB(A)
OPERATION	Motor Technology	Brushless DC	Brushless DC
	Overload Protection	Electronic throughout 0 to 95° rotation	Electronic throughout 0 to 95° rotation
	Operating Temperature	-22°F to +122°F [-30°C to +50°C]	-22°F to +122°F [-30°C to +50°C]
	Operating Humidity	0 to 95% RH, non-condensing	0 to 95% RH, non-condensing
0F	Operating Range 'Y'	2 to 10 VDC (4 to 20mA)	2 to 10 VDC (4 to 20mA)
CONTROL	Input Impedance	100 k $\Omega$ (0.1 mA), 500 $\Omega$	100 kΩ (0.1 mA), 500Ω
<u> </u>	Feedback Output 'U'	2 to 10 VDC, 0.5 mA max	2 to 10 VDC, 0.5 mA max
NING	Dimensions	9.49" [241]  1.18" [30]  8.43" [214]	7.02" [178.4]  1.42" [36]  5.6" [142.4]  2" [50.8]
SSIC	(L x W x H)	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
MM	With conduit fitting	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
00	Without conduit fitting	8.43" x 4.88" x 3.15" [214 x 124 x 80 mm]	7.02" x 4.55" x 2.87" [178.4 x 115.6 x 72.9]
MOUNTING & COMMISSIONING	Shaft Diameters	15/32" to 3/4" [12 mm to 20 mm] self-centers on 3/4"	5/16" to 1.05" [8 mm to 26mm] self-centers on 1/2", 3/4", 1.05" with insert
MOUN	Direction of Rotation	Reversible with A/B switch	Reversible motor direction with CW/CCW switch. Clicks in place.
	Manual Override	External button	External push button.
	Position Indication	Reversible indicator from 0 to 1	Snap on visual indicator. Reflective in low light conditions.
	Angle of Rotation	0 to 95°, adjust with mechanical stops	0 to 95°, adjust with mechanical stops
9	Power supply	24 VAC ± 20% 50/60 Hz 24 VDC ± 10%	24 VAC ± 20% 50/60 Hz 24 VDC ± 10%
R	Power running	3 W	4.5 W
M 7	Consumption holding	2 W	2 W
IICA	Transformer sizing	7 VA (Class 2)	6.5 VA (Class 2)
ELECTRICAL WIRING	Electrical Connection	3 FT, 18 GA appliance rated 1/2" conduit connector	3 FT, 18 GA plenum rated 1/2 in. conduit connector
Z	Housing Rating	NEMA 2	NEMA 2/IP54
T10	Housing Material	UL 94-5V	UL 94-5V
CONSTRUCTION	Agency Listings	UL 873 listed, CSA C22.2  No.24 certified, CE	cULus acc. to UL 60730-1/-2-14 and CAN/CSA C22.2 No.24, CE according to 73 / 23 / EEC
;ONS	Storage Temperature	-40°F to +176°F [-40°C to +80°C]	-40°F to +176°F [-40°C to +80°C]
0	Weight	4.2 lbs [1.9kg]	3.4 lbs [1.55kg]



## **Product Cross Reference**

**Current to New Generation** 

		GM24 US	GMB24-3 (New Generation)
	Torque	320 in-lb [36 Nm]	360 in-lb [40 Nm]
OPERATION	Running time	135 seconds	150 seconds
	Noise Level	max. <45 db(A)	<45 dB(A)
	Motor Technology	DC Motor	Brushless DC
	Overload Protection	Electronic throughout 0 to 95° rotation	Electronic throughout 0 to 95° rotation
	Operating Temperature	-22°F to +122°F [-30°C to +50°C]	-22°F to +122°F [-30°C to +50°C]
	Operating Humidity	0 to 95% RH, non-condensing	0 to 95% RH, non-condensing
뎚	Control Type	On/Off, Floating Point	On/Off, Floating Point
CONT	Input Impedance	3900Ω	600Ω
& COMMISSIONING	Dimensions	1.18" [30]  8.43" [214]	7.02" [178.4] 1.42" [36] 5.6" [142.4]
MISS	(L x W x H)	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
OMI	With conduit fitting	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
s C	Without conduit fitting	8.43" x 4.88" x 3.15" [214 x 124 x 80 mm]	7.02" x 4.55" x 2.87" [178.4 x 115.6 x 72.9]
MOUNTING	Shaft Diameters	15/32" to 3/4" [12 mm to 20 mm] self-centers on 3/4"	5/16" to 1.05" [8 mm to 26mm] self-centers on 1/2", 3/4", 1.05" with insert
MOM	Direction of Rotation	Reversible with A/B switch	Reversible motor direction with CW/CCW switch. Clicks in place.
	Manual Override	External button	External push button.
	Position Indication	Reversible indicator from 0 to 1	Snap on visual indicator. Reflective in low light conditions.
	Angle of Rotation	0 to 95°, adjust with mechanical stops	0 to 95°, adjust with mechanical stops
	Power supply	24 VAC ± 20% 50/60 Hz	24 VAC ± 20% 50/60 Hz
NG		24 VDC ± 10%	24 VDC ± 10%
VIR	Power running Consumption holding	3 W	4 W
AL V		1 W	2 W
RIC	Transformer sizing	6 VA (Class 2)	6 VA (Class 2)
ELECTRICAL WIRING	Electrical Connection	3 FT, 18 GA appliance rated 1/2" conduit connector	3 FT, 18 GA plenum rated 1/2 in. conduit connector
-	Housing Rating	NEMA 2	NEMA 2/IP54
CONSTRUCTION	Housing Material	UL 94-5V	UL 94-5V
	Agency Listings	UL 873 listed, CSA C22.2 No.24 certified, CE	cULus acc. to UL 60730-1/-2-14 and CAN/CSA C22.2 No.24, CE according to 73 / 23 / EEC
Ö	Storage Temperature	-40°F to +176°F [-40°C to +80°C]	-40°F to +176°F [-40°C to +80°C]
9	Weight	4.0 lbs [1.8kg]	3.4 lbs [1.55kg]