

APMC-FAL01AM8N-8-AD Cut Sheet



LS Electric low inertia DC brushless servo motor, 100W, 3-phase input, 18-bit (262144 ppr) encoder. For use with LS Electric PHOX-03-080NS-AD 3A drive.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/APMC-FAL01AM8N-8-AD>

Technical Specifications

Brand	LS Electric
Item	Servo motor
Performance Level	Low inertia
Voltage Type	DC
Motor Type	Brushless
Power Rating	100W
Number of Input Phases	3
Rated Speed	3000rpm
Maximum Speed	3300rpm
Amperage Rating	2.71A
Holding Torque Rating	2.8 lb-in

Encoder Resolution	18-bit (262144 ppr)
Integrated Brake	No
Motor Frame	40mm
IP Rating	IP67
Shaft Type	Single
Shaft Diameter	8mm
Steps per Revolution	Up to 18-bit (262144 ppr)
For Use With	LS Electric PHOX-03-080NS-AD 3A drive
Requires	LS Electric APCV-PxxxLS-AD power cables and APCV-ExxxES1-AD encoder cables

Agency Approvals

UL Listed File #	None
UL Recognized File #	PRHZ2.E255738
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/APMC-FAL01AM8N-8-AD.pdf>
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