

N° :

DATASHEET

Date : 19 janv. 2021

Universal drive IP20 with options

Unidrive M400-01200017A10100AB100

keypad ;

Definition

Product range	Unidrive
Model	M400-012-00017A
Model	400 (2 STO - 1 SI option - CodeSys) 6 pulses - internal choke (A)
Onboard Comms	Optionnal comms (1 option slot)
Onboard intelligence	Machine Control Studio (IEC61131-3)
Control Connections	2 STO / 2 AI (0-10V & 4-20mA) + 2 AO (0-10V & 4-20mA) + 5 DI + 2 DIO + 1 RLY
Product cooling version	Air cooling (A)



Electrical characteristics

Network side electrical characteristics

Power supply number of phases	1
Power supply voltage and frequency	200 to 240V (±10%) 45 to 66Hz
Power supply nominal current (A)	4.5

Motion side electrical characteristics

Heavy duty / Open loop control mode

Continuous output current (A)	1.70 @ 3 kHz - 40°C
Output maximal current (A)	2.60
Maximum overload duration from 100% Ico (s) / repetitivity (s)	8.00 / 600.00
Maximum overload duration from cold (s) / repetitivity (s)	60.00 / 600.00

Power supply voltage (V ±10%)	Power supply number of phases	Power supply nominal current (A)	Overload	Maximum ambient temperature (°C)	Switching frequency (kHz)	Continuous output current (A)	Losses (W)
220	1	4.5	Heavy duty	40	3	1.7	22
				50	3	1.7	22

Power supply voltage (V ±10%)	Power supply number of phases	Surcharge	Mode de fonctionnement	Output maximal current (40°C) (A)	Maximum overload duration from 100% Ico (s)	Maximum overload duration from cold (s)
220	1	-	Open loop control mode	2.6	8.00	60.00

characteristics

Size	01	Drive flow rate (m3/h)	12
Dimensions (HxWxD)	137 x 75 x130	acoustic noise (dB(A))	46.7
Weight (kg)	0.95	Maximal altitude (m)	1000
Protection indice	IP20	Maximal relative humidity (%)	95

PNEUTROL INTERNATIONAL LIMITED
sales@pneutrol.com

UK OFFICE:
5 CAULSIDE DRIVE, ANTRIM, BT41 2DU, NORTHERN IRELAND
TEL: + 44 (0) 28 9448 1800, www.pneutrol.com/industrialspares

EUROPEAN OFFICE:
UNIT 6, ST ANTHONY'S BUSINESS PARK DUBLIN, D22 VW95, IRELAND,
TEL: +353 (1) 437 3653, www.pneutrol.com/industrialspares

DATASHEET

N° :

Date : 19 janv. 2021

Universal drive IP20 with options - Unidrive M400-01200017A10100AB100

Power options, network side

Line choke	-	In (A)	Inductance (mH)	Losses (W)	Dimensions (HxWxD)	Weight (kg)
		0	0	0	0 x 0 x 0	0.0

Power options, motion side

Braking transistor	Braking transistor Included
--------------------	-----------------------------

Integral options

Integrated control interface	Without display and setting
HMI / keypad	CI-KEYPAD LCD
PC communication interface	-
Option slot SM/SI 1	-
Option slot SM/SI 2	-
Option slot SM/SI 3	-
AI Option / Smartcard slot	-
HD15 / terminals feedback device interface	-

Environmental options

IP / UL / through panel kits	-
Product fan management	-

PNEUTROL INTERNATIONAL LIMITED
sales@pneutrol.com

UK OFFICE:
5 CAULSIDE DRIVE, ANTRIM, BT41 2DU, NORTHERN IRELAND
TEL: + 44 (0) 28 9448 1800, www.pneutrol.com/industrialspares

EUROPEAN OFFICE:
UNIT 6, ST ANTHONY'S BUSINESS PARK DUBLIN, D22 VW95, IRELAND,
TEL: +353 (1) 437 3653, www.pneutrol.com/industrialspares

Version V8.305

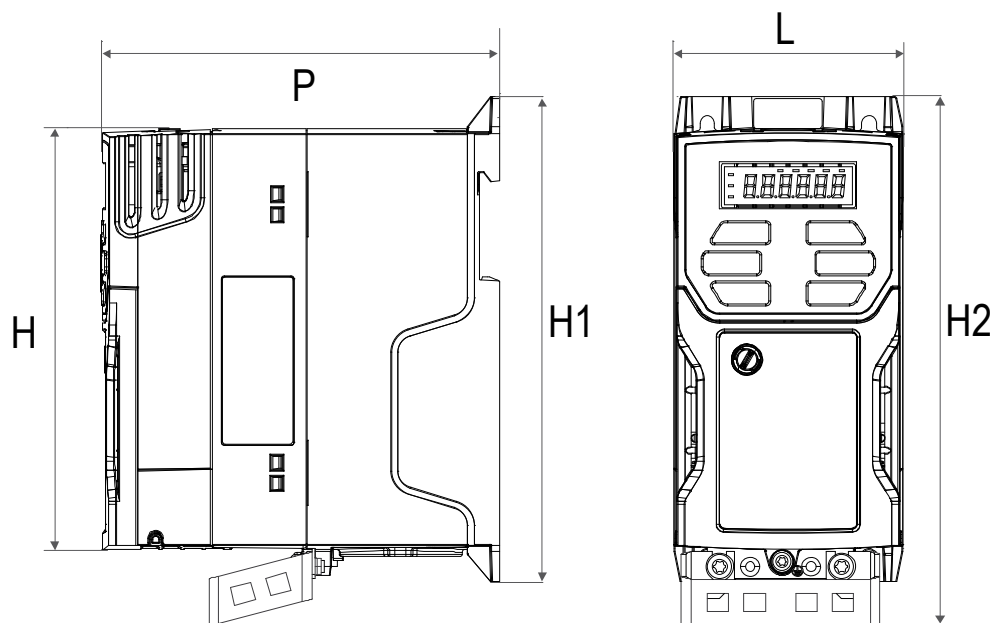
The information contained in this data-sheet is for guidance only and does not form part of any contract. The accuracy cannot be guaranteed as our compagny have an ongoing process of development and reserve the right to change the specification of their products without notice.
Control Techniques Limited. Registered Office: The Gro, Newtown, Powys SY16 3BE. Registered in England and Wales. Company Reg. No. 01236886.
Moteurs Leroy-Somer SAS. Headquarters: Bd Marcellin Leroy, CS 10015, 16915 Angoulême Cedex 9, France. Share Capital: 65 800 512 €, RCS Angoulême 338 567 258.

DATASHEET

N° :

Date : 19 janv. 2021

Variable speed drive (6 pulses) : Unidrive M400-01200017A10100AB100



H (mm)	137
H1 (mm)	160
H2 (mm)	174

L (mm)	75
--------	----

P (mm)	130
P1 (mm)	0

Weight (kg)	0.95
Total weight (kg)	1.10

PNEUTROL INTERNATIONAL LIMITED
sales@pneutrol.com

UK OFFICE:
5 CAULSIDE DRIVE, ANTRIM, BT41 2DU, NORTHERN IRELAND
TEL: + 44 (0) 28 9448 1800, www.pneutrol.com/industrialspares

EUROPEAN OFFICE:
UNIT 6, ST ANTHONY'S BUSINESS PARK DUBLIN, D22 VW95, IRELAND,
TEL: +353 (1) 437 3653, www.pneutrol.com/industrialspares