

PROFINET



Available in 3 different sizes with torque from 1.1Nm up to 3.0Nm, the **DMS7xPx2** integrated motors are characterized by compact dimensions and a rich set of features.

They can operate in **position, velocity and torque control**, integrate over 30 different homing modes and have digital and analog I/O for the connection of local sensors such as limit switches, **touchprobe**, etc.

The **PROFINET** bus achieves the maximum performance thanks to the support of the **Isochronous real-time (IRT)** mode which also allows to realize application with interpolated axes.

The DMS7xPx2 integrated motors are supplied with **GSDML** file and perfectly integrate with the **SIEMENS STEP 7 TIA Portal** development environment.

The fully digital realization and the vector control of the motor ensure high performances and efficiency.

The flange is standard **NEMA23** and models with integrated **Encoder** and closed-loop motor control are also available. The reliability of the connections is ensured by **M12** industrial connectors.

The power supply can be provided can also be removed to secure the application while still leaving the bus active through the auxiliary power supply.

Family Development

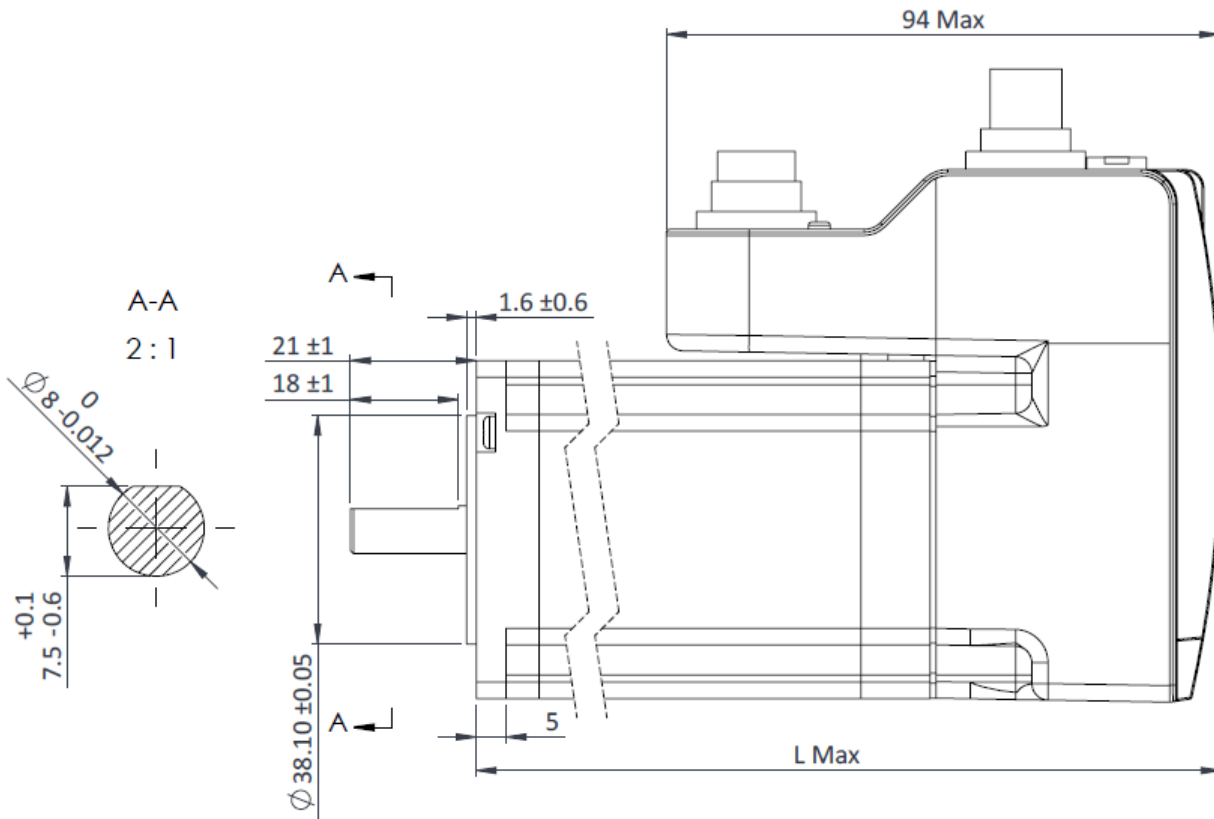
Power Supply / Motor Torque	3 Digital Inputs 3 Digital Inputs/Outputs 2 Analog Inputs	3 Digital Inputs 3 Digital Inputs/Outputs 2 Analog Inputs Closed loop incremental Encoder
24Vdc Auxiliary Power Supply		
20..50Vdc / 1,1Nm	DMS71P4241	DMS72P4241
20..50Vdc / 1,8Nm	DMS71P4264	DMS72P4264
20..50Vdc / 3,0Nm	DMS71P4271	DMS72P4271
24..90Vdc / 1,1Nm	DMS71P7241	DMS72P7241
24..90Vdc / 1,8Nm	DMS71P7264	DMS72P7264
24..90Vdc / 3,0Nm	DMS71P7271	DMS72P7271

The setting and diagnostics are possible with the use of the free **Omni Automation IDE** commissioning software.

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LAM Technologies

Viale Ludovico Ariosto, 492/D
50019 Sesto Fiorentino (FI)
Ph.: 055 4207746
Email: info@lamtechnologies.com
www.lamtechnologies.com



Model	L Max (mm)
DMS7xPx241	106
DMS7xPx264	126
DMS7xPx271	150

