



SERVO GRIPPER EMBEDDED DRIVER MPCF SERIES



The new design of MPCF collaborative gripper with integrated driver allows you a rapid installation on your collaborative robot.

The user can completely control stroke, speed, force and any other custom control algorithm of the gripper with standard fieldbus (CAN/RS485)

- Integrated control driver
- Easy commissioning and rapid integration into existing systems thanks by standard fieldbus
 1. Protocol CAN
 2. Protocol RS485
- Smooth design for collaborative application.
- Colored led for signal the clamp status
- High resolution fingers' displacement
- Embedded torque brushless motors with 24Vdc nominal voltage.
- Absolute encoder
- The elastic element allows secure grip of the piece



**MPCF2550 with M12
8 poles connector**

**Fieldbus connection
(CAN/RS485)**



	MPLF2550	MPLF3270
Stroke [mm]	2 x 25	2 x 25
Gripping Force [N]	65 (200 Max.)	150 (400 Max.)
Dimensions [mm] (without connector)	53 x 57 x 74	62 x 62 x 112

A new mechanical transmission concept on MPLF based on a torque motor and an elastic element without pulleys allows long stroke versions without limitation.





SERVO GRIPPER EXTERNAL DRIVER MPLF SERIES



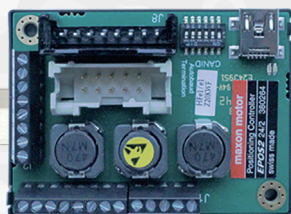
The new design of MPLF servo grippers allows you a fully open control of the gripping system using a standard external servo drive from the market or the additional axis of your anthropomorphic robot arm.

The user can now implement stroke, speed, force and any other custom control algorithm having direct access to motor phases and incremental encoder feedback signals.

- Direct control of the motor and embedded ABZ encoder.
- High resolution fingers' displacement.
- Embedded torque brushless motors with 24Vdc nominal voltage.
- Fully open connection to standard brushless servo drives from the market.
- The choice of the fieldbus is up to the customer.
- Smooth design for collaborative application.
- The elastic element allows secure grip of the piece



**MPLF2550 with M12
12 poles connector**



SERVO DRIVE 24Vdc

Fieldbus connection



	MPLF1630	MPLF2550	MPLF3270
Stroke [mm]	2 x 15	2 x 25	2 x 30
Gripping Force [N]	34 (70 Max.)	65 (200 Max.)	150 (400 Max.)
Dimensions [mm] (without connector)	46 x 46 x 52	53 x 57 x 74	62 x 62 x 112

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