

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).
- It's completed by several accessories like mounting brackets suitable into your EOAT and a lot of wired connector for a clear and light configuration.



- 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.
- Emebedded torque brushless motors with 24Vdc nominal voltage.
- Absolute encoder.
- The elastic element allows secure grip of the piece.



Fieldbus connection
(CAN/RS485)

MPCF2550 with M12
8 poles connector



	MPCF2550	MPCF3270
Stroke [mm]	2 x 25	2 x 35
Gripping Force [N]	65 (200 Max.)	400 (700 Max.)
Dimensions [mm] (without connector)	53 x 57 x 74	62 x 62 x 112

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



SERVO GRIPPER EXTERNAL DRIVER MPLF SERIES

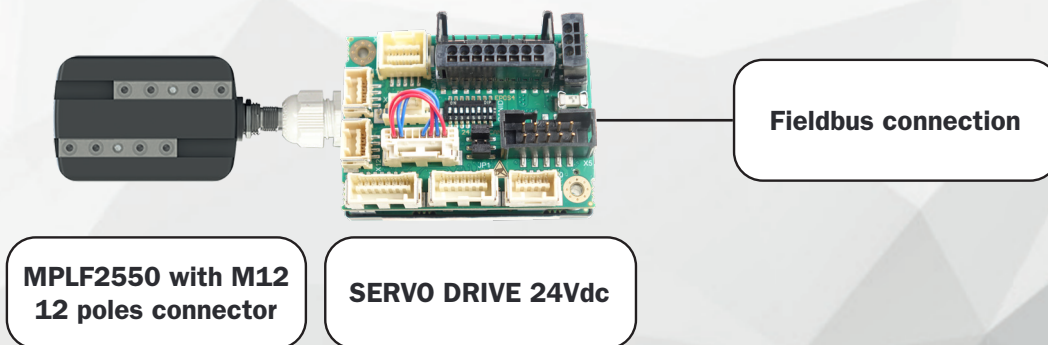


- The new design of MPLF servo grippers allows you a fully open control of the gripping system using a standard external servo drive from the market or the additional axis of your anthropomorphic robot arm.
- The user can now implement stroke, speed, force and any other custom control algorithm having direct access to motor phases and incremental encoder feedback signals.

- Direct control of the motor and embedded ABZ encoder driver.
- 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.



	MPLF1630	MPLF2550	MPLF3270
Stroke [mm]	2 x 15	2 x 25	2 x 35
Gripping Force [N]	34 (70 Max.)	65 (200 Max.)	400 (700 Max.)
Dimensions [mm] (without connector)	46 x 46 x 52	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.

