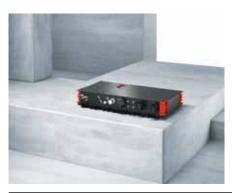


MOVIPRO® for MAXOLUTION® system solutions



Specific MOVIPRO® variant with expanded functions as drive and system controller for MAXOLUTION® system solutions

Features

 Power range 0.75 22 kW Up to 3 axes can be integrated Speed control and positioning Control and supply of external actuators (auxiliary axes) Fieldbus and network interfaces Integrated DIO Pluggable interfaces for power, motor and encoder Robust and compact aluminum housing IP54 degree of protection
 IP54 degree of protection

safety**DRIV**E

Functional safety

MOVISAFE®:	- Safe Torque Off (STO) up to category 3 and PL d
Integrated functional safety	according to EN ISO 13849-1



MOVIPRO [®] additional functions for	Positioning and navigation
MAXOLUTION [®] system solutions	Accurate track positioning and inductive or optical track guidance
	Communication
	WNI
	Contactless communication for slotted microwave guide, radiating cable or radio
	 Network structure
	 Standard Ethernet based products
	Energy supply
	Contactless energy supply with MOVITRANS® for mobile systems
	Energy management
	Energy storage with quick charging
	 Contactless/inductive with MOVITRANS[®]
	 Management of peak powers and regenerative energy
	safetyDRIVE functional safety
	- The "Safe PLC PFF-HM31" meets the safety requirements of MAXOLUTION® system solutions;
	Based on EN 61800-5-2, ready to use drive and application modules are available for mobile
	materials handling technology
	- SLS, SLP for drive and lifting axes
	- Safe range changeover
	- Safe detection of movement and position
	- Hardware assignment:
	- Safe digital inputs (OSSD-capable and outputs)
	- Safe counter inputs
	- CAN and RS485 interfaces
	- Certification:
	- SIL 3, IE 61508
	- PL e EN ISO 13849-1
	- Communication:
	- safeethernet (master and slave)
	- Modbus TCP/UDP (Master)
	- Safe communication (safeethernet, SIL 3), also possible via WLAN
Software alternatives	 Parameterizable plant software MOVIVISION[®]
	- Configuration, operation and diagnostics of the system solution
	- Central data management
	- No programming required
	- Standardized system functions for mobile systems
	- Free programming with MOVI-PLC [®] according to the IEC 61131 standard and PLCopen for
	system-specific or complex functions
	 Programming or parameterization of safety functions with the graphical interface SILworX