M880 L

M880 L receiver for its compact size and amazing versatility is the ideal receiver for most of the on/off application in AC and DC as well as for standard proportional applicationsin DC such as hydraulics cranes. Its installation on the machine will be simple and unobtrusive.

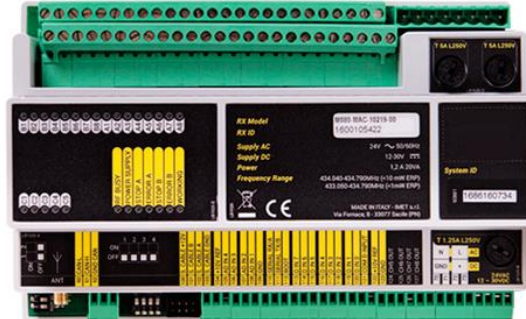| TECHNICAL DATA		
RECEIVER UNIT MODEL	**M880 L AC**	**M880 L DC**
Supply voltage	24-240Vac (50-60Hz), 30VA, max 1,2A @24Vac	11-30Vdc, max 2A @11Vdc
Security commands	Safety-enable relay, 2 Stop relays	Safety-enable relay, 2 Stop relays
Max number of ON/OFF commands	20 relays or MOSFET	20 relays or MOSFET
Max number of analog commands	8	8
Service commands	Start, Horn, Timed-relay	Start, Horn, Timed-relay
2 STOP realys	ISO 13849-1:2006 6.2.7 architecture (escluso ARES2 C)	ISO 13849-1:2006 6.2.7 architecture (escluso ARES2 C)
Entrance	CAN, serial	CAN, serial
Proportional commands	N.A.	0÷20mA, 4÷20mA, 0Vdc - (Vdc-3) con Vccmax=28Vdc, 0 ÷ ±10Vdc PWM 0÷1,4A (F=40÷150Hz; F=200÷600Hz; F=600÷1000Hz), 25%-50%-75% Vcc
Communications protocol	CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232/RS485	CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232/RS485
Operating temperature	-25°C ÷ +70°C	-25°C ÷ +70°C
Storage temperature	-40°C ÷ +85°C	-40°C ÷ +85°C
Dimensions (LxPxA)	145 x 65 x 225 mm	145 x 65 x 225 mm
Degree protection	IP66	IP66

M880 H

M880 H receiver unit can be combined with transmitter unit which requires the execution of a large number and variety of commands.

TECHNICAL DATA		
RECEIVER UNIT MODEL	**M880 H AC**	**M880 H DC**
Supply voltage	24Vac (50-60Hz), 68VA, max 2,8A 45-240Vac (50-60Hz), 45VA, max 1,1A @45Vac	11-30Vdc, max 4A @11Vdc, 44W
Security commands	Until 6 safety-enable relays, 2 Stop relays	Until 6 safety-enable relays, 2 Stop relays
Max number of ON/OFF commands	73 relays or MOSFET	73 relays or MOSFET
Max number of analog commands	32	32
Service commands	Start, Horn, Timed-relay	Start, Horn, Timed-relay
2 STOP relays	ISO 13849-1:2006 6.2.7 architecture (excluded ARES2 C)	ISO 13849-1:2006 6.2.7 architecture (excluded ARES2 C)
Entrance	CAN, serial	CAN, serial
Proportional commands	N.A.	0÷20mA, 4÷20mA, 0Vdc - (Vdc-3) con Vccmax=28Vdc, 0 ÷ ±10Vdc PWM 0÷1,4A (F=40÷150Hz; F=200÷600Hz; F=600÷1000Hz), 25%-50%-75% Vcc
Communications protocol	CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232/RS485	CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232/RS485
Operating temperature	-25°C ÷ +70°C	-25°C ÷ +70°C
Storage temperature	-40°C ÷ +85°C	-40°C ÷ +85°C
Dimensions (LxPxA)	205 x 280 x 130 mm	205 x 280 x 130 mm
Degree protection	IP66	IP66

M880 M

RECEIVER UNIT MODEL	M880 M AC
Supply voltage	12-30 Vdc / 24 Vac (50-60 Hz)
Security commands	STOP, Safety - Enable
General commands	24 relè (20 N.O. e 4 N.C./N.O.)
Service commands	Start, Horn (between the 24 relays)
Entrance	CAN, Serial 232/485
Communications protocol	CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232/RS485
Operating temperature	-25°C ÷ +70°C
Storage temperature	40°C ÷ +85°C
Dimensions (LxPxA)	180 x 120 x 73 mm
Degree protection	IP20