

AMT

Receiving unit

The AMT is an analog receiving unit from the Dynamic+T series. The Triband technology provides three frequency bands in a single module, which can be used in accordance with local regulations. The pairing procedures between the transmitter/receiver units and the frequency switching can be performed via radio. The AMT receiver features 2 STOP outputs, 2 STOP or UMFS outputs, up to 164 analog outputs, and up to 170 digital outputs. The AMT receiver also features a 4-digit display for diagnostics. The standard antenna is external and can be extended by 1 m or 3 m. It can also be part of a Take&Release system. AMT receiver provides maximum flexibility through the CODESYS® development environment, the standard for programming according to IEC 61131-3.

DYN Dynamic+T series

Number of outputs
2 STOP, 2 STOP or UMFS, up to
164 analog and up to 170 digital

Safety functions
GSS, EMS, ATS, UMFS (EN 62745)

Communication protocols
CANopen, J1939

Triband radio
870 MHz / 915 MHz / 2.4 GHz

Programmability
CODESYS®





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Technical data

Power supply	8-30 VDC
Configurable radio frequency	870 MHz 915 MHz 2.4 GHz
Performance level of stop (GSS / EMS)	up to PL e, SIL 3 (EN 13849-1)
Performance level of the automatic stop (ATS)	up to PL e, SIL 3 (EN 13849-1)
Performance level of Unintended Movements From Standstill (UMFS)	up to PL d, SIL 2 (EN 13849-1)
Number of outputs	2 STOP, 2 STOP or UMFS, up to 164 analog and up to 170 digital
Rated current of the command outputs	3A
Rated current of STOP/ UMFS outputs	7.5A
Connecting interfaces	M12 8 or 5 pin connector, Harting 32 / 40 / 50 / 72 / 108 pin connector
Type of output	digital - PWM - voltage - 2 CAN outputs
Communication protocols	CANopen, J1939
Antenna	external
Expansion boards	up to 8 proportional
Protection degree	IP65
Operating and storage temperature	operating: (-25 °C) ÷ (+70 °C) / (-13 °F) ÷ (+158 °F) storage: (-40 °C) ÷ (+85 °C) / (-40 °F) ÷ (+185 °F)
Dimensions	290x185x105 mm (11.42x7.28x4.13 in)
Weight	3 kg (6.61 lb)

Cert. UNI EN ISO 9001:2015 No. 50 100 2877 Design, manufacture and service of remote control systems for safety industrial application.

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