COMPLETE RAIL SOLUTIONS

Australian Rail Technology

TRACK MAGNET RECEIVER

APC and Station Protection/AWS

Key features:

- Designed for compliance with EN 50155 including shock and vibration to IEC 61373
- Drop-in replacement. Identical footprint as original UG/ Fisher MD device (mounting pattern, distance above rail).
- Supports multiple connectors types (Harting, ITT/Cannon, Marechal)
- Fully serviceable
- High MTBF - as this is a critical device within the SIL environment
- Self-test mode on start-up. Redundant circuits. Configurable for auto-reset option.

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XP3586
Patent Pending

TRACK MAGNET RECEIVER

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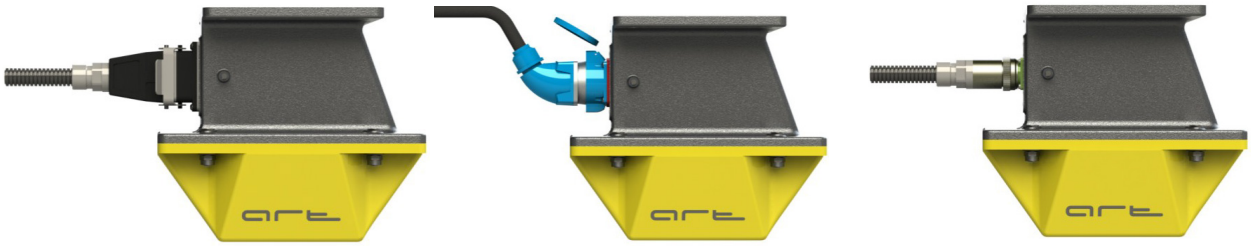
About

Our Track Magnet Receiver (TMR) is the next evolution in reliable magnetic field sensing for Australian rail networks. Modern processing techniques and proven circuits enable accurate detection of north and south magnetic fields generated by track magnets or inductors. The device provides threshold switched outputs and is fully user configurable.

Magnet receivers form a key role in train safety systems such as Automatic Power Control (APC) and Automatic Warning System (AWS) where reliability is paramount. Such systems are used throughout Queensland, South Australia, Western Australia, and many international networks.

Designed and built for the extremes of Australian rolling stock applications, the TMR features a brand new low-profile enclosure with high rigidity and robustness. The electronics core is mounted on a dampened internal frame in order to cope with the high shock and vibration environment.

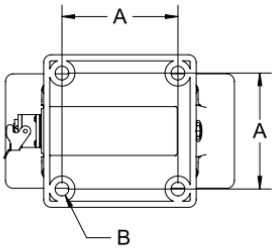


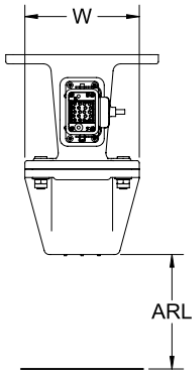
Retrofit Option

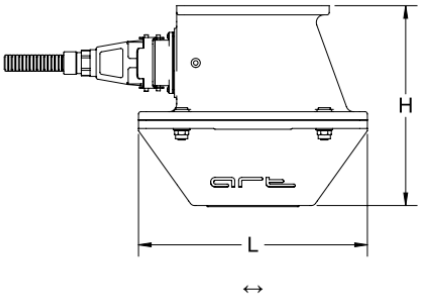
The core electronics module of our TMR is re-fittable within existing UG/ Fischer style MD enclosures.

Dimensions

A = 152 mm
B = 18 mm
L x W x H = 300 x 260 x 150
ARL = 150 mm







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