

## FEATURES

- **Configures AP4118 Rail Tag Programmer only**
- **Secure tag data can be used by AP4118 Rail Tag Programmer only**
- **Can be used once or multiple times where scheduled reconfigurations are required**
- **Factory programmed to specific customer requirements**
- **Uses Super eGo<sup>®</sup> (SeGo) operation mode**
- **Factory-sealed case**

## PT5780 Permissions Tag



**T**he PT5780 Permissions Tag is used to configure the AP4118 Rail Tag Programmer. Multiple programmer parameters, such as programmer control number, serial number, and tag programming certification expiration date are transferred from the PT5780 to the AP4118 via the RF link. The AP4118 validates the PT5780 data and, if valid, stores the data in the programmer's non-volatile memory.

The PT5780 may be used once during the lifetime of the AP4118 or may be required for scheduled reconfiguration. In some cases, multiple PT5780s may be required at a single site, enabling tag programming for multiple owners or to support multiple configurations.

The PT5780 uses the SeGo mode of operation. This prevents accidental misapplication of the permissions tag within the North American rail infrastructure, which includes a large number of ATA-mode reader systems.

The PT5780 is used exclusively to configure the AP4118 with factory-programmed information specific to each customer; user programming applications cannot modify the tag data.

# PT5780 Permissions Tag

## COMMUNICATIONS

### Frequency Range

902 to 928 MHz

### Polarization

Parallel with longer side

## SOFTWARE FEATURES

### Memory

The tag is factory-programmed only as determined by specific customer requirements.

### Security

The PT5780 is used exclusively to configure the AP4118 with factory-programmed information specific to each customer; user programming applications cannot modify the tag data.

## POWER REQUIREMENTS

### Power Source

Beam-powered

## LIFE EXPECTANCY

### Service Life

Unlimited

## PHYSICAL

### Dimensions

Size: 9.4 x 2.4 x 0.8 in  
(23.9 x 6.1 x 2 cm)

Weight: 6.2 oz (175 g)

### Case Material

Factory-sealed, red case

## ENVIRONMENTAL

### Operating Temperature

32°F to +122°F (0°C to +50°C)

### Storage Temperature

-4°F to +185°F (-20°C to +85°C)

### Humidity

95% relative humidity, noncondensing  
between 77°F to +122°F (25°C to +50°C)

### Vibration

1.04 G<sub>rms</sub>, 5-500 Hz

### Shock, Normal Environment

4 G, half-sine pulse, 11 ms duration, 3 axes

## OPTIONS

### Factory Programming

PT5780 Permissions Tags are programmed at the factory to customer specifications.

## RELATED DOCUMENTATION

*PT5780 Permissions Tag Order Form*



**For product information call:** 1.800.923.4824 or 214.461.4031 (outside the U.S.) Fax 214.461.6478

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