



PC898 BARCODE SLOT READER

INSTALLATION AND MAINTENANCE GUIDE

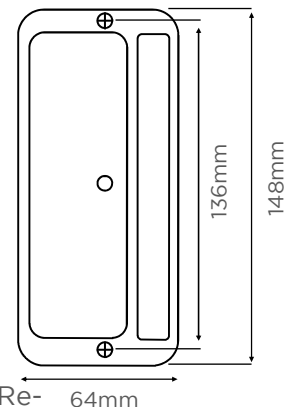
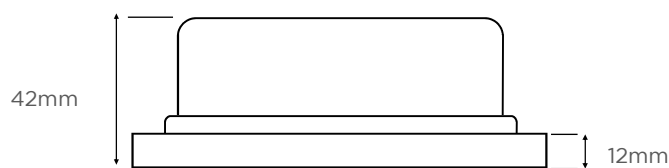
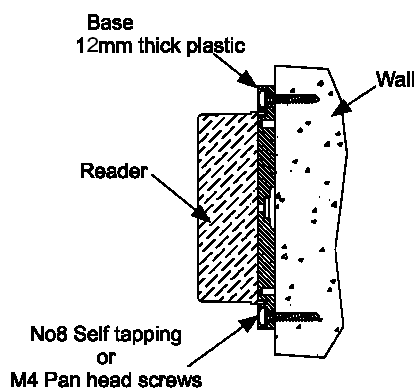
INFORMATION

GENERAL: The **PC898** barcode slot reader is an ideal reader for scanning barcode ID badges. With a variable scanning speed of up to one meter per second, this reader offers exceptional first read rates. The **PC898** reader uses an infra red light source, making it suitable for scanning obscured barcodes. Its compact size permits unobtrusive installations. The reader is packaged in a weatherproof, rugged, metallic housing and is suitable for use in harsh environments, indoors or out. The red and green LED can be wired to provide visual feedback to the operator. Each reader is supplied with a 1.5m cable.

CONNECTION: An unterminated 1.5 metre cable is fitted to connect the PC898 to a terminal. Up to 100 metres of cable can be used to connect the PC898 to a TouchStar terminal, depending on the resistance of the 0V conductor. When connecting the PC898 to other equipment follow the manufacturers recommendations. **IF CABLING IS ROUTED OUTDOORS, UNDERGROUND OR IN DUCTING PRONE TO WETNESS, THE APPROPRIATE CABLE MUST BE USED.**

| TERMINAL | CONNECTION | PC898 CABLE |
|----------|---------------|-------------|
| +5V | 5 VOLTS | RED |
| C/IN1 | SIGNAL | YELLOW |
| OUT | GOOD READ LED | GREEN |
| 0V | 0 VOLTS | BLUE |
| CHASS | SCREEN | SCREEN |

MOUNTING:



MEDIA: The PC898 has a nominal slot width of 1.9mm. Reading height is a nominal 9mm above the base of the slot. Code must be visible to the infra-red sensor; a reflectance contrast ratio of 3:1 is recommended. Barcode elements should be in the range 0.15mm to 3.0mm with a white 'quiet-zone', 6.0mm on either side of the code. Refer to the TouchStar document **700-909-xx** for information about producing barcode badges.

SPECIFICATION:

| | |
|---------------------------|--|
| Voltage: | 5V +/- 10% |
| Power Consumption: | |
| Typical: | <35mA |
| Maximum: | <50mA |
| Dimensions: | 148(L) 42(H) 64(W)mm (reader) |
| Optical: | |
| Light Source: | Infra-Red (940nm) |
| Resolution: | 0.15mm |
| Card Thickness: | 0.5mm to 1.5mm |
| Scanning Speed: | 100 - 1000 mm/sec |
| Scanning Position: | 9mm from slot base |
| Interface: | Wand Emulation |
| Maximum Distance: | 100m |
| Cable Type: | 7/02, 4 core screened non twisted pair |



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