Digitrax Detection & Signaling Specification Sheet

BXP88 LocoNet Occupancy Detector, 8 Detection Sections with Transponding and Power Management

Layout Interface	Easy-connect pluggable terminal blocks
External Power	Optional
Firmware Update Capability	Yes, via IPL over LocoNet
Amp Capacity	3 Amps per Detection Section, 8 Amp Total
Transponding Zones	Yes, one per Detection Section
Power Management Zones	Up to 8
Occupancy Detection Zones	8
Detects Powered Locomotives	Yes
Detects Un-Powered Rolling Stock	Yes, (With Installed Resistor Wheel sets)
Support of SuperSonic Decoder Operations	Yes
Outputs for LED's to Indicate Detection	Yes

Prod Date	05/24/2017	Discontinued	Current	Replaced By	Current
MSRP	US$175.00			SKU	

Option Switch #	Function	Default
OpSw 04	c=slower short circuit detection t=normal short circuit detection	t
OpSw 05	c=transponding enabled t=transponding disabled	c
OpSw 07	c=disable fast find t=enable fast find	t
OpSw 10	c=enable power manager t=disable power manager	c
OpSw 11	c=enable power manager reporting to LocoNet t=disable power manager reporting to LocoNet	c
OpSw 14	c= high detection sensitivity t= regular detection sensitivity	t
OpSw 15	c=do not send occupied message on LocoNet when faulted t=send occupied message on LocoNet when faulted	t
OpSw 33	c= Disable Operations Mode Readback t=enable Operations Mode Readback	t
OpSw 40	c=set factory default	t
OpSw 41	c=disable occupancy reporting for Detection Section 1 t=enable occupancy reporting for Detections Section 1	t
OpSw 42	c=disable occupancy reporting for Detection Section 2 t=enable occupancy reporting for Detections Section 2	t

Digitrax, Inc. is not responsible for unintentional errors or omissions in this document.