Indala™ Proximity Card Readers

Northern

wave

linear

arch

curve

Indala Proximity Readers:

Northern offers the Indala family of FlexPass cards and readers, formerly known as Motorola. The FlexPass readers come in a variety of styles and read ranges. FlexPass readers provide field programmability, adaptable levels of security, durability and is weather resistance.

Indala's family of interchangeable FlexPass cards and tags are designed to withstand the tough rigors of the access environment, are field programmable, and give you the option of factory specified codes and ID numbers.

F E A T U R E S

- FlexPass readers use an advanced signal processing technique to communicate with proximity cards and keytags

- All proximity readers operate on low power for extended reader operation

- FlexPass readers are designed to provide protection against reader tampering

- FlexPass readers are designed in a variety of styles and read ranges

- An LED indicator on the FlexPass readers visually confirms a successful read

- Flexpass readers are warranted for two years from date of shipment

ORDERING INFORMATION

Order #	Description
FP503BG	FlexPass Linear Slim, 4-16 VDC, 5", Beige
FP503BK	FlexPass Linear Slim, 4-16 VDC, 5", Black
FP505BG	FlexPass Linear Wall, 4-16 VDC, 5", Beige
FP505BK	FlexPass Linear Wall, 4-16 VDC, 5", Black
FP603BG	FlexPass Arch Slim, 4-16 VDC, 5", Beige
FP603BK	FlexPass Arch Slim, 4-16 VDC, 5", Black
FP605BG	FlexPass Arch Wall, 4-16 VDC, 5", Beige
FP605BK	FlexPass Arch Wall, 4-16 VDC, 5", Black
FP610BG	FlexPass Arch Mid-Range, 4-16 VDC, 12", Beige
FP610BK	FlexPass Arch Mid-Range, 4-16 VDC, 12", Black
FP620BK	FlexPass Arch Long Range, 12-24 VDC, 12", Black (requires PS1-24E and qty 2 BAT-12V-7A)

Order #	Description
INDALA PROXIMITY CARDS	
PX-115-I	ASP Prox Key Tag with Hot Stamp (26-Bit)
PX-115-I-SPEC	ASP Prox Key Tag with Hot Stamp (26-Bit) w/ specific # range or site code
PX-121-I	ASP Prox Card with Hot Stamp (26-Bit)
PX-121-I-SPEC	ASP Prox Card with Hot Stamp (26-Bit) w/ specific # range or site code
INDALA PROXIMITY / BADGING CARDS	
PVC-I-6	ASP Imaging Prox Card, Magnetic Stripe
PVC-I-6-SPEC	ASP Imaging Prox Card, Magnetic Stripe w/ specific # range or site code
PVC-I-7	ASP Imaging Prox Card, 2 Sides Printable, No Magnetic Stripe
PVC-I-7-SPEC	ASP Imaging Prox Card, 2 Sides Printable, No Magnetic Stripe w/specific # range or site code

Specification Chart

	FP500 Series			FP600 Series				FP700 Series			FP800 Series		
	FP500	FP503	FP505	FP603	FP605	FP610	FP620	FP703	FP705	FP710	FP803	FP805	FP810
Description	Mag Stripe, Linear	Digital proximity, Linear slim (mullion-mount)	Digital proximity, Linear wall switch (single-gang box mounting)	Digital proximity, Arch slim, (mullion-mount)	Digital proximity, Arch wall switch (single-gang box mounting)	Digital proximity, Arch mid-range (single- or double-gang box mounting)	Digital proximity, Arch long-range (parking applications)	Digital proximity, Curve slim, (single-gang box mounting)	Digital proximity, Curve wall switch, (single-gang box mounting)	Digital proximity, Curve mid-range (single- or double-gang box mounting)	Digital proximity, Wave slim, (single-gang box mount)	Digital proximity, Wave wall switch (low profile wall switch mount)	Digital proximity, Wave mid-range (single- or double-gang box mounting)
Dimensions	2.3 x 5.3 x .75 in / 14 x 4.2 x 1.9 cm	5.5 x 1.65 x .75 in / 14 x 4.2 x 1.9 cm	4.4 x 2.82 x 0.9 in / 11.2 x 7.2 x 2.3 cm	4.5 x 1.72 x .85 in / 11.4 x 4.4 x 2.2 cm	4.5 x 2.99 x .85 in / 11.4 x 7.6 x 2.2 cm	5.1 x 6.1 x 1.1 in / 13 x 15.5 x 2.8 cm	11.2 x 11.2 x 1.8 in / 28.4 x 28.4 x 4.6 cm	4.5 x 1.72 x 1.1 in / 11.4 x 7.6 x 2.2 cm	4.75 x 3.24 x101 in / 12.1 x 8.2 x 2.8 x cm	5.5 x 6.53 x 1.485 in / 14 x 16.5 x 3.8 cm	4.5 x 1.72 x 1.1 in / 11.4 x 7.6 x 2.2 cm	4.75 x 3.24 x101 in / 12.1 x 8.2 x 2.8 x cm	5.5 x 6.5 x 1.5 in / 14.2 x 16.5 x 3.8 cm
Max read range	Up to 5 in / 12.7 cm	Up to 5 in / 12.7 cm	Up to 5 in / 12.7 cm	Up to 5 in / 12.7 cm	Up to 5 in / 12.7 cm	Up to 12 in / 30 cm	Up to 28 in / 71.1 cm	Up to 5 in / 12.7 cm	Up to 5 in / 12.7 cm	Up to 12 in / 30 cm	Up to 5 in / 12.7 cm	Up to 5 in / 12.7 cm	Up to 12 in / 30 cm
Transmit frequency	125 kHz, full duplex operation												
Output formats	Wiegand and RS-232												
Card read cycle	200 msec												
Input Voltage	4 - 16 VDC	4 - 16 VDC	4 - 16 VDC	4 - 16 VDC	4 - 16 VDC	4 – 14 VDC	12 – 24 VDC	4 - 16 VDC	4 - 16 VDC	4 – 14 VDC	4 - 16 VDC	4 - 16 VDC	4 – 14 VDC
Max Current Draw	96 mA @ 12 V; 100 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	140 mA @ 12 V; 82 mA @ 5 VDC	1.2 A @ 12 V; .90 A @ 24 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	140 mA @ 12 V; 82 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	96 mA @ 12 V; 100 mA @ 5 VDC	140 mA @ 12 V; 82 mA @ 5 VDC
Interface to controller	Shielded 22 AWG, dual twisted pair, RS-485, Wiegand												
Indicators	Single tri-color (green – yellow – red), audible tone independently controlled indicators												
Humidity	10 – 90% condensing												
Temperature	-31° to 149° F / -35° to 65° C												
Styles and Colors	Linear slim (mullion-mount), and Arch slim (single- or double-gang mounting). Colors: Beige or Black												
Order Number/ Color	FP500BG - Beige FP500BK - Black	FP503BG - Beige FP503BK - Black	FP505BG - Beige FP505BK - Black	FP603BG - Beige FP603BK - Black	FP605BG - Beige FP605BK - Black	FP610BG - Beige FP610BK - Black	FP620BK - Black	FP703FO - Forest FP703MA - Marine FP703PL - Plum	FP705FO - Forest FP705MA - Marine FP705PL - Plum	FP710BK - Onyx FP710FO - Forest FP710MA - Marine FP710PL - Plum	FP803BK - Onyx FP803FO - Forest FP803MA - Marine FP803PL - Plum	FP805BK - Onyx FP805FO - Forest FP805MA - Marine FP805PL - Plum	FP810BK - Onyx FP810FO - Forest FP810MA - Marine FP810PL - Plum

1 Maxium read range might vary depending on physical environment of installation.

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