INDALA®

FlexPass™ OEM Reader Modules

Feature
Proximity technology

Benefit
Ease of use;
no direct contact required

Feature
Compact, modular design

Benefit
Easily adapts to
OEM's enclosure

Feature
Single-piece construction

Benefit
Easy installation

Feature
Field programmable

Benefit
Reduced lead times;
custom formats

Feature
Supports multiple formats –
Wiegand, magnetic stripe
and serial data formats

Benefit
Flexibility in design

Security and Flexibility. Indala's family of FlexPass OEM Reader Modules is designed to give your customers just that – a high level of security and design flexibility. The high-level security is delivered through key features such as encryption and password protection, plus the ability to customize and program reader formats in the field via the FlexPass ProxSmith™ Programmer System. And the flexible design is compact, modular and adapts easily into various enclosures that are designed and certified by OEM's.
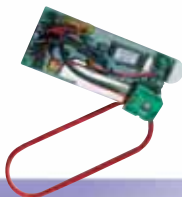
The FlexPass family of OEM reader modules includes the OMR-705+ & OMR-603+ modules. The modules are single-piece devices that combine the antenna and the reader electronics circuitry in one package making installation easy. The FlexPass OMR-705+ Module is available as a complete potted unit, unpotted unit with antenna, or unpotted unit without antenna. The OMR-603+ is only available as a potted unit with antenna. The OEM modules are intended to be mounted inside a customer's enclosure. The reader module is compatible with Indala's FlexPass products which includes ASP and ASP+ formats. The OEM modules can output data in Wiegand, ABA Track II, or custom formats using the FlexPass ProxSmith Programmer System.

Part of Indala's comprehensive portfolio of access control products, the FlexPass OEM Modules work with FlexPass series of cards and key tags and are field programmable using the FlexPass ProxSmith Programmer System.

Indala provides a complete product portfolio with the FlexSecur™ technology - the confidence of security between card and reader. Supported with innovative design and responsive customer care.

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FLEXPASS™

INDALA PROVIDES A COMPLETE PRODUCT PORTFOLIO WITH THE FLEXSECUR™ TECHNOLOGY - THE CONFIDENCE OF SECURITY BETWEEN CARD AND READER. SUPPORTED WITH INNOVATIVE DESIGN AND RESPONSIVE CUSTOMER CARE.

	OMR-705+ Module	OMR-603+ Module
Size (HxWxT)	3.2 x 2.3 x 0.6 inches (8.0 x 5.6 x 1.5 cm)	4.50 x 1.72 x 0.85 inches (11.42 x 4.4 x 2.16 cm)
Weight	2 oz (56.7 g)	2 oz (56.7 g)
Read Range	Up to 4" (10 cm) Using FlexCard™ standard card	Up to 4″ (10 cm) Using FlexCard standard card
Input Voltage	4.0 to 5.5 VDC at reader	4.0 to 16 VDC at reader
Current Draw		
Typical	87 mA @ 5 VDC	45 mA @ 12V
With card present		70 mA @ 12V
Operating Temperature	-31°F to 149°F (-35°C to 65°C)	-31°F to 149°F (-35°C to 65°C)
Frequency		
Exciter Field	125 kHz	125 kHz
Output Formats	Wiegand, ABA Track II magnetic stripe Other formats available upon request	Wiegand, ABA Track II magnetic stripe Other formats available upon request
Power Supply	User supplied 5V Regulated power source (recommended)	Regulated Linear power supply (recommended)
Compliance	User must obtain	CE, FCC, UL
Field Programmable	The OMR-705+ requires a customer supplied programming adaptor connected with the FlexPass ProxSmith Programmer	The OMR-603+ is field programmable with the FlexPass ProxSmith Programmer and Toolkit
Product Description	Part #	Part #
Potted	FP5110	FPC-0500A
Unpotted with antenna	FP5120	
Unpotted without antenna	FP5130	

Intended Use

The FlexPass OEM modules are intended to be utilized by systems integrators and equipment manufacturers to implement RFID and Access Control systems that are customized to meet specialized mechanical or functional requirements. The user must obtain safety and type approvals for the finished equipment for the intended market. Additional circuitry and expertise may be required to achieve these certifications.

Warranty

Indala warrants this product against defects in material and workmanship under normal use and service. The warranty period commences with the date of shipment. See complete warranty statement for further details. Read Range stated when readers installed according to instructions. Read range may be less when mounted on metal. Specifications subject to change without notice. Indala reserves the right to discontinue any product without notice.

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