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A SMART, STAND-ALONE RFID READER SPECIALLY DESIGNED FOR STYLISH PANELS. EASY MANAGEMENT OF THE MODE OF SAFE OPERATION THANKS TO ITS EMBEDDED COLLATING SYSTEM.

# KW2D series

The ultimate adaptive solution for accessing control or permission and traceability using RFID technology. 3 communication protocols (Modbus TCP, EtherNet/IP and CC Link), and compatibility with numerous contactless cards (ISO/IEC14443 type A, ISO/IEC18092, JIS X6319-4, ISO/IEC15693).

SWITCHES

SAFETY

PANEL

AUTOMATION



## CORE TARGETS

- Machine tools
- Automotive industry
- Access control
- Food and packaging industry
- Factory Automation



# KW2D series

A smart, stand-alone RFID reader especially designed for stylish panels

## CUSTOMER BENEFITS

- Stylish, compact product with a flush design (9 mm above the panel), only 48,5 mm depth below the panel
- Can be mounted on metal surfaces
- IP65 and IP67 to suit Factory Automation environments
- Compatible with Keyfob tags but also contactless cards such as employee IDs
- Configuration software is free to download IDEC website

## END-USER EXPERIENCE

- Equipped with an auxiliary buzzer and LEDs that are visible from the side of the product
- Keyfob RFID tags holder available
- Easy access to the data thanks to the multiple communication protocols

## KEY FEATURES

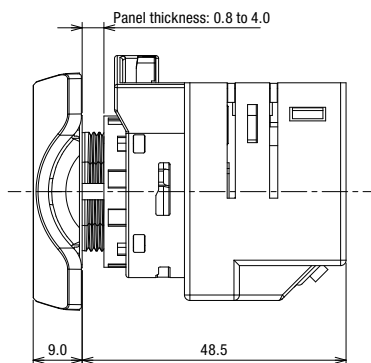
- Slick refined design with 4 LED indicators
- Integrated collating system
- Modbus TCP, EtherNet/IP and CC Link
- Push-in terminals, Ethernet port
- Tag holder available

## SECURITY FOCUS

- The ideal product for managing the mode of safe operation as specified in the ISO 16090
- Accurate data collation and reliable data transmission
- High level of reliability thanks to an embedded collating system
- Self-diagnostic for checking the memory status every time the product is switched on
- When communicating with the host device, the data is double-checked using checksum

## TECHNICAL FEATURES

- Panel cut-out: Ø22 mm
- Rated input voltage: 24V DC
- Working temperature: -25 to +55° C
- IP65, IP67



Model	Appearance	Power Supply	Approval	Part No. (Ordering No.)
Without holder		24V DC	IEC/EN61131-2 2007 (Zone B) EN301-489-3 UL61010-1/CAN/CSA C22.2 No. 61010-1-12 UL 61010-2-201 EN50364	KW2D-R100Q4E
With holder				KW2D-RH100Q4E

Tag Type	Shape	Color	Part No. (Ordering No.)	Package Quantity
KEYFOB		Green	KW2D9Z-T1X1G	1
		Yellow	KW2D9Z-T1X2Y	1
		Red	KW2D9Z-T1X3R	1
		Blue	KW2D9Z-T1X4S	1
		Black	KW2D9Z-T1X5B	1
Card		N/A	KW2D9Z-T2X0	2

[Visit the product page](#)

[Consult the datasheet](#)

apem-idec.eu  
eu.support@idec.com

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