



apem-idec.eu

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

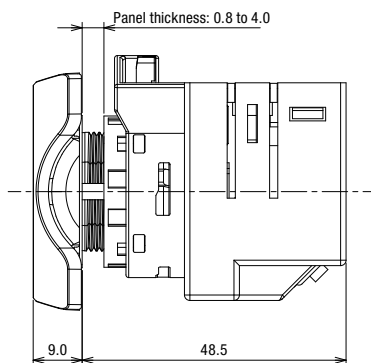
- Slick refined design with 4 LED indicators
- Integrated collating system
- Modbus TCP, EtherNet/IP and CC Link
- Push-in terminals, Ethernet port
- Tag holder available

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

APEM
an IDEC company