



Identification systems

Complete HF RFID system in a compact housing



RFID 13.56 MHz



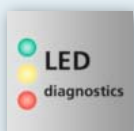
Integrated web server for configuration, diagnostics and monitoring

Fieldbus interface for PROFINET, Ethernet/IP or TCP/IP

Diagnostic and status LEDs

Adjustable range/ transmitting power

RFID HF 13.56 MHz system to ISO 15693



Powerful RFID for the production process

The compact units of the DTE60x series are ideal for long writing / reading distances.

Thanks to the new optimised set-ups, large data volumes can be read and written in no time. This saves valuable time in typical applications such as product tracking in the production process or storage of production data or quality parameters.

The new DTE60x compact units simplify installation, as the antenna, evaluation unit and fieldbus interface are integrated in one compact, industrially compatible housing.



Advantages of ifm's HF RFID solution:

Easy integration

Data access to the RFID device is fast and simple, via function blocks as well as directly via the process image of the controller. Function blocks for standard controllers, e.g. from Siemens, Schneider, Allen Bradley or Omron, are supplied.

Integrated web server

The read/write units feature an integrated web server. Users can log in via an HTTP address to fully access the device.

Industrially compatible

The robust design with protection rating IP 67 permits use in harsh industrial environments.

Additional digital inputs

The unit has two additional digital inputs and outputs, e.g. for controlling a light tower.

Status LEDs

A 5-digit LED bar graph display indicates the RSSI value (signal strength) to visualise the distance of the tag.

Versions with various interfaces

DTE604 with TCP/IP

The RFID compact unit is ideal for direct connection to PCs, industrial PCs or PLCs that have no standardised fieldbus interface.

DTE601 with PROFINET




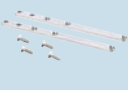



This unit is, in particular, intended for customers with a Siemens controller.

DTE602 with EtherNet/IP

This version is optimised for controllers from Schneider Electric or Rockwell Automation.

All units have an integrated switch for direct connection of further devices.

Products

Type	Description	Order no.
HF RFID system		
	Compact unit, PROFINET interface	DTE601
	Compact unit, EtherNet/IP interface	DTE602
	Compact unit, TCP/IP interface	DTE604
Mounting accessories for DTE60x		
	Mounting bracket, stainless steel (1.4301 / 304)	E80335
	Mounting plate, stainless steel (1.4301 / 304)	E80336
	Mounting rod, stainless steel (1.4301 / 304)	E80337
Connection technology		
	Jumper cable, Ethernet, cross-over patch cable, 2 m, PVC cable, M12 / RJ45	E11898
	Jumper cable, Ethernet, patch cable, 10 m, PVC cable, M12 / RJ45	E12204
	Ethernet jumper, 2 m, PVC cable, M12 / M12	E21138
Selection RFID transponders		
	ID tag/51x51/06 – 13.56 MHz, 10 pcs	E80400
	Bracket for ID tag E80400	E80401
	ID tag/30X65/06 – 13.56 MHz, 50 pcs	E80410
	ID tag/34X6.0/06 – 13.56 MHz, 1024 bits, 10 pcs	E80342
	ID tag/90X34x7/06 – 13.56 MHz, 896 bits, 5 pcs	E80343
	ID tag/16X3/06 – 13.56 MHz, 896 bits, 10 pcs	E80344