

egate flex FXA series



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OVERVIEW



Characteristics	FXA4	FXA5	FXA7
User access	App + Smart Card		
User interface	Smartphone + LED + Acustical signal		+ OLED display
Suitable container	Stationary, 4-wheeled bins, metalhousing, aboveground container	Underground / semi-underground	Stationary, 4-wheeled bins, metalhousing, aboveground container
Environment level¹	IP67		
Reader and antenna	Internal	External	Internal
Compatible smart cards²	NFC 13,56 MHz (ISO15693 / ISO14443A)		
User identification	White- and blacklist		
Data transmission³	LTE CAT-M1/NB-IoT (Backup solution 2G)		
Transmission frequency⁴	Recommendation: daily (customizable)		
Power source⁵	Battery internal or external supply (if requested)		
Lock	Compatible with all emz locks		
Emptying/lifting detection⁶	If requested		
Connectable to solar panels	Coming soon		
Directive	Comply with 2006/42/CE, 2014/30/EU, 2011/65/EU (RoHS) and 2001/95/CE		
Additional features	GNSS Free and block time ⁷		

HIGHLIGHTS

Bluetooth module

access device via smartphone biliteral communication with level sensor

More users

flexible access list with up to 500k

Data security

end-to-end encryption by access token via the egate user App

ADDITIONAL SERVICE

egate user App

allows access for users available for IOS and Android

egate service App

support and maintenance for service technicians available for Android

egate cockpit

cloud based saas platform for management and accounting

NOTES

¹ Referred to the device housing. Soon, this will be extended to the wire harness / ² ISO 15693 are cards from Texas Instruments programmed with a region code of emz (blacklist). ISO 14443A are cards from Mifare Classic, Plus and Desfire (whitelist) / ³ Selected data transmission mode: LTE CAT-M1 (is part of 4G standard), NB-IoT (is part of 4G standard) and 2G (backup) / ⁴ A change of the transmission frequency influences the battery lifetime: recommended 1 transmission per day / ⁵ Internal or external battery with a capacity of 38000 mAh/3,6V can be chosen by the customer (only one type - mixing of external and internal is not possible); External power supply is also connectable 9V - 24 V (2V preferred) / ⁶ This function requires implementing an air filter; IP security level decreases / ⁷ Users can dispose their waste on a configurable day and time of the week