

## Simple pulse generators

CE

### KEY-OPERATED PUSH-BUTTONS

Model	Specifications	Code	Price
<b>T10</b> <b>T11</b> 	<b>T10</b> <b>T11</b> Installation: embedded or on column 1 Microswitch for exchange (T10)/2 Microswitches for exchange (T11) Contacts maximum capacity 0.1 A / 24 Vdc Protection class: IP 54 Operating ambient temperature: -20 °C to +55 °C	from 401010001 to 401010036 from 401011001 to 401011036	
	<b>T10 E</b> <b>T11 E</b> 	<b>T10 E</b> <b>T11 E</b> Installation: on wall or on column 1 Microswitch for exchange (T10 E)/2 Microswitches for exchange (T11 E) Contacts maximum capacity 0.1 A / 24 Vdc Protection class: IP 54 Operating ambient temperature: -20 °C to +55 °C	from 401019001 to 401019036 from 401018001 to 401018036
<b>T20 E (*)</b> <b>T21 E (*)</b> 	<b>T20 E</b> <b>T21 E</b> Installation: on wall 1 Microswitch for exchange (T20 E)/2 Microswitches for exchange (T21 E) Contacts maximum capacity 10 A / 250 Vac Protection class: IP 54 Operating ambient temperature: -20 °C to +55 °C	401012	
		401013	
<b>T20 I (*)</b> <b>T21 I (*)</b> 	<b>T20 I</b> <b>T21 I</b> Installation: embedded 1 Microswitch for exchange (T20 I)/2 Microswitches for exchange (T21 I) Contacts maximum capacity 10 A / 250 Vac Protection class: IP 54 Operating ambient temperature: -20 °C to +55 °C	401014	
		401015	
<b>T21 EF (*)</b> <b>T21 IF (*)</b> 	<b>T21 EF</b> <b>T21 IF</b> Installation: on wall (T21 EF) or embedded (T21 IF) 2 Microswitches for exchange Contacts maximum capacity 10 A / 250 Vac <b>With facility to electric brake release for rolling gate</b> Protection class: IP 54 Operating ambient temperature: -20 °C to +55 °C	401016	
		401017	

### ACCESSORIES

Plastic enclosure to be walled in (T10 - T11)	(25 pcs. package)	720086	
Bracket for embedding on metal pilasters (T10 - T11)	(25 pcs. package)	722400	
Metal enclosure for welding (T10 - T11)	(25 pcs. package)	720089	
High column in aluminium (T10 - T11 - T10 E - T11 E) (photo on following page)	(2 pcs. package)	401034	
High double column in aluminium (T10 - T11 - T10 E - T11 E) (photo on following page)	(2 pcs. package)	401035	
Foundation plate for column in aluminium (T10 - T11 - T10 E - T11 E)	(20 pcs. package)	737630	
Enclosure to be embedded (T20 - T21)	(20 pcs. package)	720316	
European cylinder lock (T20 - T21) with personalised key from No. 1 to No.36		from 712052 to 712087	


#### Notes

(\*) key operated push-buttons T20 and T21 are supplied without a lock.

# Control systems




## XK 21 BURGLAR-RESISTANT KEY OPERATED PUSH-BUTTON

Model	Specifications	Code	Price
	<b>XK 21 H 230 V</b> - Burglar-resistant key-selector with lever release	Wall mounting 2 microswitches for exchange Contacts max. capacity 16 A/250 Vac (Mod XK 21 H) 0.1 A/24 Vdc (Mod XK 21 L) <b>Facility to electric brake release</b>	401300
	<b>XK 21 L 24 V</b> - Burglar-resistant key-selector with lever release		<b>Lever release</b> <b>Burglar resistant key-selector</b> <b>(cylinder lock not included)</b> <b>compatible with European cylinder</b> <b>DIN 18252 (max. length 45 mm)</b>

### ACCESSORIES

European cylinder lock with personalised key from n.1 to n. 36	from 712052 to 712087
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## CONTROL PUSH-BUTTONS

Model	Specifications	Code	Price
	<b>FAAC SWITCH</b> Installation: embedded or on column 2 Microswitches for exchange Contacts maximum capacity 0.1 A / 24 Vdc Indicator light Siluro S6 24 V 5 W Protection class: IP 54 Operating ambient temperature: -20 °C to +55 °C	401002	


### ACCESSORIES

Plastic enclosure to be walled in	(25 pcs. package)	720086	
Bracket for embedding on metal pilasters	(25 pcs. package)	722400	
Metal enclosure for welding	(25 pcs. package)	720089	
High column in aluminium	(2 pcs. package)	401034	
High double column in aluminium	(2 pcs. package)	401035	
Foundation plate for column in aluminium	(20 pcs. package)	737630	


## Electronic pulse generators

CE

### CONTROLLER WITH KEYPAD AND DECODING FACILITY

Model	Specifications	Code	Price
 <p><b>METAL DIGIKEY</b></p>	Installation: embedded or on column Power supply 24 Vdc Anti-tampering electronic protection Indicator-light and buzzer confirming recognition Reset push-button Max number of connectable decoders: 100 Protection class: IP 55	404005	

### MAGNETIC CARD AND DECODING READER

Model	Specifications	Code	Price
 <p><b>DIGICARD</b></p>	Installation: embedded or on column Power supply 12/24 Vdc – 12 Vac Anti-tampering electronic protection Indicator-light confirming recognition Max number of connectable decoders: 100 Protection class: IP 55	790851	

### ACCESSORIES FOR DIGICARD

Magnetised card	409103101	
Card to be magnetised	409103	

### DS DECODER FOR METAL DIGIKEY AND DIGICARD

Decoding card ("relay" output) for piloting FAAC electronic control units and/or auxiliary commands Connection by connector and/or terminal Power supply 12 - 24 V dc/12 - 24 V ac 12-bit binary code (4,096 combinations) Max distance of Metal Digikey/Decoder: 100 m Operating ambient temperature: -20 °C to +55 °C	785502	
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### COMMON ACCESSORIES FOR METAL DIGIKEY AND DIGICARD

MULTIDEC 4-channel extension module	102845	
Plastic enclosure to be walled in	720043	
Bracket for embedding on metal pilasters (20 pcs. package)	722406	
Metal enclosure for welding	720037	

### SUPPORT COLUMNS FOR:




T10 - T11 - T10E - T11E - FAAC SWITCH - METAL DIGIKEY WITH KIT 428109 - DIGICARD WITH KIT 428109 - FOTOSWITCH - PHOTOBEAM

Specifications	Code	Price
High column in aluminium (2 pcs. package)	401034	
High double column in aluminium (2 pcs. package)	401035	
Foundation plate for column (20 pcs. package)	737630	
Installation kit for Digicard/Metal Digikey for on-column application	428109	


## Pulse generators for special applications



### METALLIC MASS DETECTORS

Model	Specifications	Code	Price
FG1 single-channel detector		785529	
FG2 two-channel detector		785527	
 <p><b>FG 1</b>                      <b>FG 2</b></p>	One loop control (FG1) or two-loop control (FG2) - Power supply 24 Vdc/24 Vac - Contacts max capacity 250 mA/24 V - Four sensitivity levels independent of loop inductance - Continuous updating of operating frequency - Presence relay (N.O./N.C.) - Impulsive relay (at end of detection) - Self setting at power-up - Loop interruption or short circuit signal - Application on DIN guide - Multi-function signalling LED - Operating ambient temperature: -20 °C to +55 °C		


### TOKEN ACCEPTOR

Model	Specifications	Code	Price
 <p><b>GRS - 02</b> Token acceptor</p>	Structure in steel sheet with protective cathaphoresis treatment, and polyester painted Token enclosure with 1,000 pieces capacity Designed to accept DIN guide, detector Built-in shutter No. 1 Clean contact	103098	

### ACCESSORIES FOR GRS - 02

Foundation plate		737631	
FAAC token diameter 28 mm		713305	

### ADDITIONAL POWER FEEDER

Model	Specifications	Code	Price
 <p><b>Miniservice card</b></p>	Power supply voltage 230 Vac (+5% - 10%) 50 (60) Hz Absorbed power 35 VA - Relay contacts max capacity 10 A/24 Vdc - 10 A/230 V Output for 12 V ac electric lock - Accessories output 500 mA/24 Vdc Operating ambient temperature: -20 °C to +55 °C Power supply LED Facility for FAAC radio controls with rapid connector	790904	

### ENCLOSURE FOR MINISERVICE CARD

Protection class: IP 55	Model EM	720050	
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