

Customised control stations, covered by type examination certificates, can be individually combined from CEAG's numerous built-in components.

ordering. The sum of the code numbers designates a complete control station.

A coding system for these components with unique designations can be used for planning, selection and

For the selection of control units and components, please see page 9.34 pp.

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Double pushbutton DDT  
2-pole and 4-pole

Pushbutton DRT

Signal lamp SIL

Measuring instrument  
AM72

Mushroom-head  
pushbutton SGTE

Control switch SCT

Key-operated  
pushbutton SLT  
and key-  
operated  
switch SLS

Control switch GHG 23

Terminal block KLM







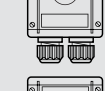
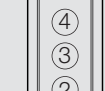


Potentiometer POT

## | Order Code for Individual Control Units |

Individual control units can be defined by 4 groups of components:
















1. Empty Enclosure
2. Components per mounting area
3. Accessories
4. Cable glands

### Code 1: Empty Enclosure

									
		Code for enclosure							
MA			①						411 81
MA			① ②						411 82
MA			① ② ③						411 83
MA			① ②						432
MA			① ② ③ ④						434
MA			① ②						414 81
MA			① ② ③ ④						414 82
MA			① ②						413 84
MA			① ② ③ ④						413 85

### Code 2: Components per mounting area (max. 4)

A	C	D(1)	(D2)	E	F	Mounting area 1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA1
A	C	D(1)	(D2)	E	F	Mounting area 2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA2
A	C	D(1)	(D2)	E	F	Mounting area 3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA3
A	C	D(1)	(D2)	E	F	Mounting area 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA4

		
Pushbutton DRT 2-pole	4-pole	Signal lamp SIL
		
Double-pushbutton DDT 2-pole	4-pole	Potentiometer POT
		
Key-operated pushbutton SLT 2-pole	4-pole	Control switch Ex 23
		
Key-operated switch SLS 2-pole	4-pole	Measuring instrument AM 45
		
Mushroom-head pushbutton SGTE	SGT	Terminal block KLM

Example: Enclosure Type 434,  
 Pushbutton (MA4),  
 Signal lamp (MA3)  
 Emergency stop  
 Mushroom head pushbutton (MA2)  
 Double pushbutton (MA1)

Code 1: 434..  
 Code 2 MA4: DRT 14 001  
 Code 2 MA3: SIL 1 10  
 Code 2 MA2 SGTE 13 1 1 2  
 Code 2 MA1: DDT15 001 007

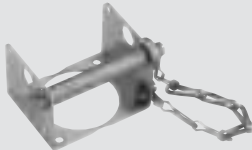
Code 3 MA1: ZUB 19  
 Code 3 MA2: ZUB 19  
 Code 3 MA3: ZUB 02  
 Code 3 MA4: --  
 Code 4: GEH 1 GK M25 2

**Code 3: Lables and locking facilities**

A	B	C	Mounting area 1 MA1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A	B	C	Mounting area 2 MA2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A	B	C	Mounting area 3 MA3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A	B	C	Mounting area 4 MA4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



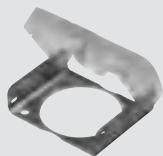
Label with holder  
ZUB 20



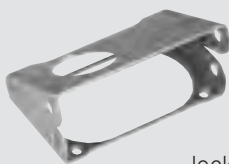
locking facility  
ZUB 14



locking facility with hammer  
ZUB 05



locking facility  
ZUB 12



locking facility double pushbutton  
ZUB 17

**Code 4: Cable entries and flanges**

A	B	C	D	E
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



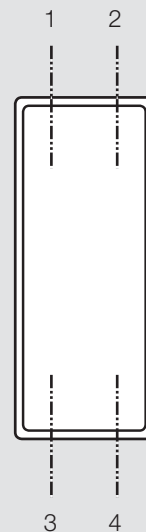
Metal flange plate  
FLM



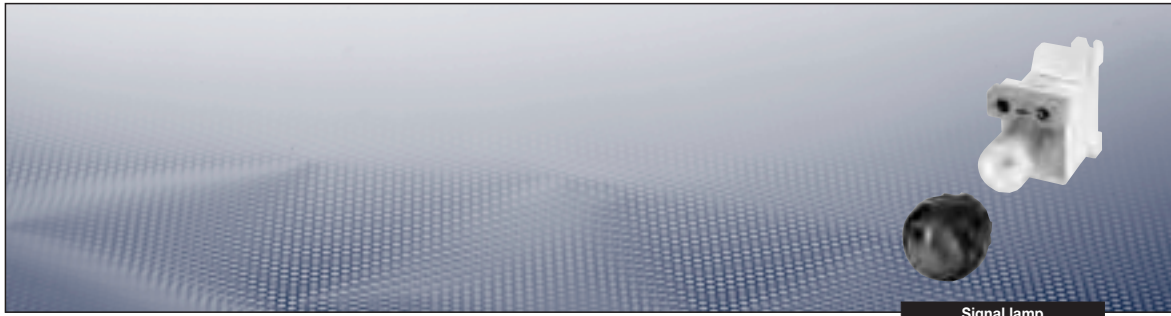
plastic cable gland  
GK



plastic trumpet-shaped  
cable gland TR



position for  
drilling/gland



Signal lamp

**Technical data**

Ex-Signal lamp SIL	
Marking to 94/9/EC	Ⓔ II 2 G Ex ed IIC / Ⓔ II 2 G Ex d ia IIC
EC-Type Examination Certificate	PTB 98 ATEX 1040 U
Application temperature	-20 °C to +40 °C -55 °C to +55 °C (option)
Rated voltage (EEx ed IIC)	20 V to 250 V AC/DC
(EEx d ia IIC)	18 V to 30 V DC
(EEx ed IIC)	12 V to 24 V AC/DC
Rated current (20 V to 250 V)	approx. 4 - 15 mA
(10 V to 28 V EEx d ia IIC)	max. 25 mA
12 V to 30 V	max. 24 mA
Connecting terminals	2 x 2,5 mm <sup>2</sup>
Degree of protection accd. EN 60529	IP66
Dimensions (L x W x H)	approx. 59 x 31 x 45 mm
Weight	0.15 kg
Type of mounting	DIN rail mounting
Enclosure colour	grey

**Ordering code for Component (Code 2) Code A - C - D**

Code	Component	Code
A	Signal lamp	SIL

Code	Colour of lens	Code
C	white	1
	yellow	2
	red	3
	blue	4
	green	5

Code	Voltage	Code
D	20 V - 250 V AC/DC	10
	18 V - 30 V DC (Ex-i*)	34
	12 V - 24 V AC/DC	11

\*Supply by valve-driver components, e.g., with data:

U<sub>0</sub> = 20 V - 18 V DC with R<sub>i</sub> = 200 Ω - 500 Ω or

U<sub>0</sub> = 10 V - 18 V DC with R<sub>i</sub> = 100 Ω - 200 Ω

No effective C<sub>i</sub> and L<sub>i</sub> values.

**Example for ordering code (Code 2)**

Version	Ordering Code		
	A	C	D
Signal lamp SIL (examples)			
Universal voltage 20 V - 250 V AC/DC white	SIL	1	10
For intrinsically safe circuits 18 V up to 30 V DC <sup>(1)</sup> blue	SIL	4	34
Low voltage 12 V up to 24 V AC/DC red	SIL	3	11