

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

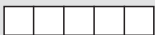





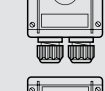
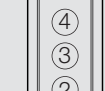


Potentiometer POT

| 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			411 81						
MA			411 82						
MA			411 83						
MA			432						
MA			434						
MA			414 81						
MA			414 82						
MA			413 84						
MA			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

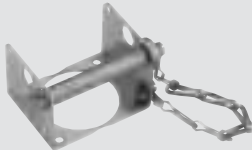
Code 3 MA1: ZUB 19
 Code 3 MA2: ZUB 19
 Code 3 MA3: ZUB 02
 Code 3 MA4: --
 Code 4: GEH 1 GK M25 2

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"/>	



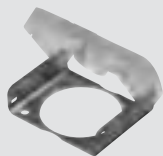
Label with holder
ZUB 20



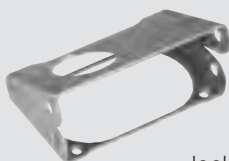
locking facility
ZUB 14



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"/>



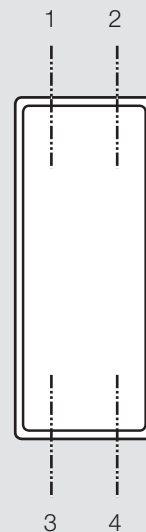
Metal flange plate
FLM



plastic cable gland
GK

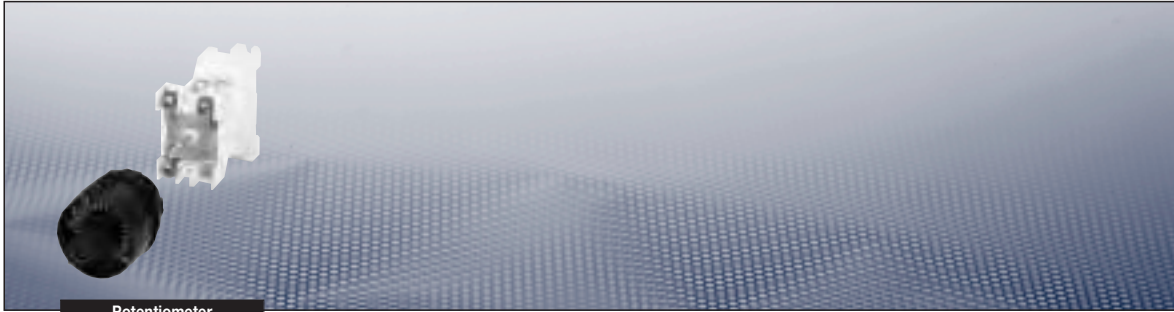


plastic trumpet-shaped
cable gland TR



position for
drilling/gland

Built-in Components



Potentiometer

Technical data

Ex-Potentiometer POT

Marking to 94/9/EC	Ⓔ II 2 G Ex de ia/ib IIC / Ⓔ I M 2 Ex de ia/ib I
EC-Type Examination Certificate	PTB 97 ATEX 1081 U
Application temperature	-20 °C to +40 °C -55 °C to +55 °C (option)
Rated voltage	up to 250 V
Power consumption	max. 1 W
Resistance range	100 – 10000 Ohm
Tolerance	± 20 %
Connecting terminals	2 x 2.5 mm ²
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
Angle of rotation	270°
Scale	0 - 100 %

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

Code	Component	Code
A	Potentiometer	POT

Code	Resistance	Code
C	0 - 100 Ohm	01
	0 - 220 Ohm	02
	0 - 470 Ohm	03
	0 - 1000 Ohm	04
	0 - 2200 Ohm	07
	0 - 4700 Ohm	05
	0 - 10000 Ohm	06

Example for ordering code (Code 2)

Version	Code
Potentiometer 1 W 25 % tolerance	
0 - 100 Ohm	POT 01
0 - 470 Ohm	POT 03
0 - 4700 Ohm	POT 05