

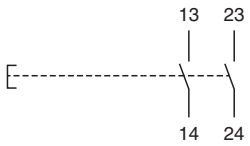
Control Unit Ex e, Panel Mount, Pushbutton

PMP.PZ1.C.20

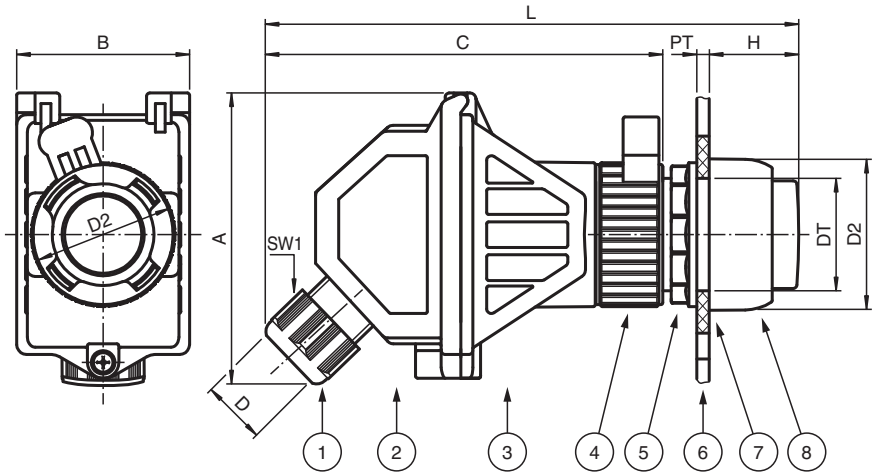
- Pushbutton, inserts red, green, amber, white, blue, black - 2x NO - no labeling
- Ex de and Ex tb certified
- Full equipment certified
- Polyamide housing for panel mount
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Cable Gland M20 integrated in protective cover
- Degree of protection IP66

Connection

	13	23
0		
I	X	X
	14	24



Dimensions



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Dimensions

Details see data table

Legend	
1	Cable gland
2	Protective cover
3	Contact module
4	Bayonet catch
5	Locknut
6	Panel / enclosure wall
7	Flat gasket
8	Actuator head
A	Height
B	Width
C	Depth
D	Clamping range, cable sheath diameter
DT	Diameter thru-hole
D2	Outer diameter actuator head
H	Length outside enclosure
L	Total length
PT	Panel / enclosure wall thickness

Technical Data

Electrical specifications		
Operating voltage		250 V max.
Operating current		16 A max.
Terminal capacity		2x 2.5 mm²
Terminal torque		0.8 Nm
Function		push button
Color		selection of red, green, amber, white, blue, black
Contact configuration		2x NO
Usage category		AC12 - 12 ... 250 V AC - 16 A AC15 - 12 ... 250 V AC - 10 A DC13 - 12 ... 110 V DC - 1 A DC13 - 12 ... 24 V DC - 1A
Number of poles		2
Operator action		spring return
Mechanical specifications		
Cable type		non-armored cables
Clamping range (D)		5.5 ... 13 mm (D)
Covering		Protective cover fully detachable
Cover fixing		Phillips head screw
Degree of protection		IP66
Cable entry		
Number of cable entries		1x M20 cable gland in protective cover
Material		
Housing		Polyamide (PA)
Finish		inherent color black
Seal		silicone
Washer gasket		silicone
Mass		150 g max.

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Technical Data

Dimensions	
Height (A)	77 mm (A)
Width (B)	44 mm (B)
Depth (C)	105 mm (C)
Actuator head diameter (D2)	39 mm (D2)
Panel wall thickness (PT)	1 ... 6 mm (PT)
Diameter thru-hole (DT)	30.6 mm (DT)
Length outside enclosure (H)	15.5 mm (H)
Width across flats (SW1)	24 mm (SW1)
Total length (L)	128 mm (L)
Tightening torque	
Nut torque at enclosure (SW1)	2 Nm (SW1)
Mounting	via actuator head
Ambient conditions	
Ambient temperature	-40 ... 50 °C (-40 ... 122 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	CML 16 ATEX 3106X
Marking	Ⓔx II 2 GD Ex de IIC T6 Gb Ex tb IIIC T80 °C Db
International approvals	
IECEx approval	IECEx CML 16.0046X
UKCA approval	CML 21 UKEX 21275X
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0080 or 0102, see type label
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com.

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