



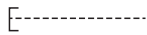
# Actuator Head Ex e - Pushbutton CFP.PX.SP

- Component for appropriately certified Ex e enclosures
- Ex e and Ex tb certified
- Polyamide

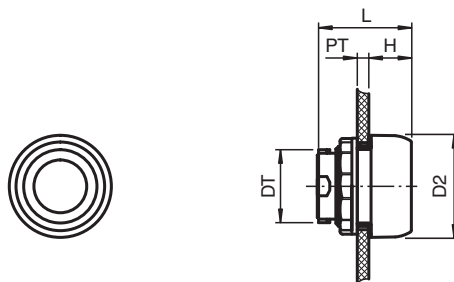


## Connection

For complete wiring diagram see combination of actuator head and contact module.



## Dimensions



Dimension values see data table.  
Image and drawing are generic for this device type and may deviate from the specific variant.

## Technical Data

### Electrical specifications

Function	push button
Operator action	spring return

### Mechanical specifications

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## Technical Data

Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Washer gasket	silicone
Mass	25 g
Dimensions	
Actuator head diameter (D2)	39 mm
Panel wall thickness (PT)	1 ... 6 mm
Diameter thru-hole (DT)	30.6 mm
Length outside enclosure (H)	15.5 mm
Total length (L)	35.8 mm
Tightening torque	2.8 ... 3.4 Nm
Mounting	use with base-mounted and cover-mounted contact modules
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Service temperature	-40 ... 65 °C (-40 ... 149 °F)
<b>Data for application in connection with hazardous areas</b>	
EU-type examination certificate	CML 16 ATEX 3339U
Marking	Ⓜ II 2 GD Ex e IIC Gb Ex tb IIIC Db
<b>International approvals</b>	
IECEX approval	IECEX CML 16.0114U
<b>Conformity</b>	
Degree of protection	EN 60529
<b>General information</b>	
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 <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .
Enclosure type	LR* SR*.CS* GR.CS*
<b>Accessories</b>	
Optional accessories	CFP.TP

## Type Code

1	2	3	4
CFP	.	*	*
CFP	.	P	SP

Example: CFP.PR.SP

control element Ex e, pushbutton actuator head black housing, insert red labeled '0', spare part

1	Series
CFP	control element Ex e

2	Operating Element Type	3	Details
P	pushbutton actuator head, black housing	X	no insert
		A	insert red
		R	insert red labeled '0'
		C	insert red labeled 'STOP'
		D	insert red labeled 'OFF'
		E	insert green
		G	insert green labeled 'I'
		F	insert green labeled 'START'
		H	insert green labeled 'ON'
		Y	insert yellow
		O	insert amber
		W	insert white
		B	insert blue

## Type Code

2	Operating Element Type	3	Details
		J	insert blue labeled 'RESET'
		K	insert black
		L	insert black, labeled '0'
		N	insert black, labeled 'I'
		P	insert black, labeled 'II'
		Q	insert black, labeled 'III'
		T	insert black, labeled 'IV'
		U	insert black, labeled 'arrow up'
		Z*	individual selections of 7 inserts
I	illuminated pushbutton actuator head, black housing	R	red
		G	green
		O	amber
		W	white
		B	blue
D	double pushbutton actuator head, black housing	X	no insert
		M	insert red labeled '0' / green labeled 'I'
M	mushroom button actuator head, black housing	R	red, diameter 37 mm
		G	green, diameter 37 mm
		K	black, diameter 37 mm
E	Emergency stop actuator head, yellow housing	4	red, twist-to-release, diameter 40 mm
		5	red, twist-to-release, diameter 55 mm
J	Emergency stop actuator head key-release, yellow housing	R	red, key release, diameter 39 mm

4	Product Type
SP	spare part