

KCP 150 EX manual call point



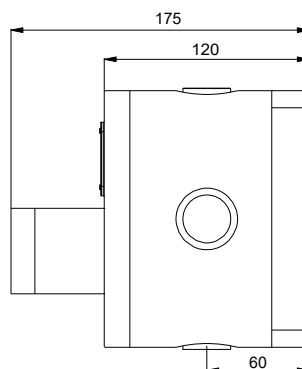
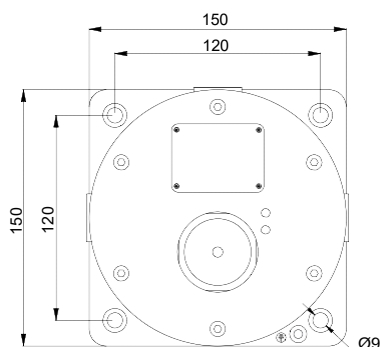
The flameproof KCP150 manual call point is ATEX/IECEx certified for use in potentially explosive atmospheres. It can be used in conjunction with a fire alarm system and will activate alarms to alert personnel to potential dangers, help signal the need for immediate action in emergency situations and more. Also known as explosion proof fire alarm call point, manual call point (MCP) or "Break Glass" call point. Optional SIL2 IEC61508 certifications.

ATEX / IECEx Certification: ATEX Zone 1 and Zone 2 Certified for group IIC gas / vapour applications and Zone 21 and Zone 22 compliant for dust / powder applications.

Application: Oil and gas, chemical, petrochemical, pharmaceutical, marine and offshore applications.

Key features: Robust and highly reliable, this Ex manual call point (MCP) / Break Glass call point is designed for corrosive environments and hazardous areas. The housing is moulded in Glass-Reinforced Polyester (GRP), protected by an UV resistant paint. These ATEX / IECEx compliant manual call points / "Break Glass" call points are compatible with PLC, ESD and DCS systems. The Manual Call Point is supplied with a hammer and securing chain.

Options: Visualisation functions, line detection and glass protection are optional. A range of accessories is available to customise this ATEX / IECEx manual call point. These include pipe mounting brackets, sunshades, tag and duty labels and other accessories.



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MATERIAL	• Enclosure: Glass-Reinforced Polyester (GRP)		
COLOUR	• RED : RAL3001/3028 • BLACK : RAL9005 • ORANGE : RAL2010	• YELLOW : RAL1018 • GREEN : RAL6032	• BLUE : RAL5005 • GREY : RAL7038
INGRESS PROTECTION	• IP66/67		
AMBIENT TEMPERATURE FOR OPERATION	• T6 = - 40°C ~ + 55°C , T5 = - 40°C ~ + 60°C, T4 = - 40°C ~ + 70°C		
CERTIFICATION	• ATEX, IECEX		
EX CODE	Ex • II 2 GD Ex d IIC T6 Gb • Ex tb IIIC T85°C		
STANDARD	• EN / IEC 60079-0, EN / IEC 60079-1, EN / IEC 60079-31		
ATEX AREA ZONE	• Gas zone: 1 & 2 Dust zone: 21 & 22		
AMBIENT HUMIDITY*	• up to 95%		
RATED IMPULSE WITHSTAND VOLTAGE	• 1kV following IEC 61000-4-5		
CONTACT TYPE	• 1x C/O or 2x C/O		
RATING	• AC 125/250 V (50/60Hz) =11A*** ; 30V DC = 6A***; 125 V DC = 0,3A***, 250 V DC = 0,6A***		
MINIMUM VOLTAGE AND CURRENT	• DC 5V 10mA		
SHORTS CIRCUIT PROTECTION	• 10 A gG		
CABLES ENTRY	• 4 x M20, 1 x M25 + 3 x M20, 1 x 1/2” NPT + 3 x M20, 1 x 3/4” NPT + 3 x M20		
TERMINAL	• From 22 to 14 AWG - from 0.50 mm2 to 2.5 mm2		
NET WEIGHT	• 3.5 Kg		
LINE RESISTOR**	• 470 Ohms**	• 1 watt	
SIGNALLING LED**	• Green U =24VDC I= 10 mA ; Red U=24V DC I = 20mA		

* = without runoff - ** = optional - *** = resistive load - cable gland and blind plug not provided

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Product	Certification	Switches	Duty label	Tag label	LED indicator	Features	Connection	Housing
KCP	125	S	N	Y	L	FRD	Y	A



CP	= CALL POINT
150	= HAZARDOUS AREA
151	= NON-CERTIFIED
S	= 1
D	= 2
Y	= YES (SEE LIST)
N	= NO
Y	= YES (SEE LIST)
N	= NO
L	= RED & GREEN
R	= RED
G	= GREEN
N	= NO LED

RD		= RED (STD)
YW		= YELLOW
BU		= BLUE
BL		= BLACK
GN		= GREEN
GY		= GREY
OJ		= ORANGE
OR		= OTHER

A = 4 x M20 x 1.5
B = 1 x M25 x 1.5 + 3 x M20 x 1.5
C = 1 x 1/2" NPT + 3 x M20 x 1.5
D = 1 x 3/4" NPT + 3 x M20 x 1.5

Additional adaptors can be supplied as well as blanking plugs and cable glands, see below.

F	= LIFT FLAP
R	= RESISTOR(S)
D	= DIODE(S)
N	= NO FEATURES