

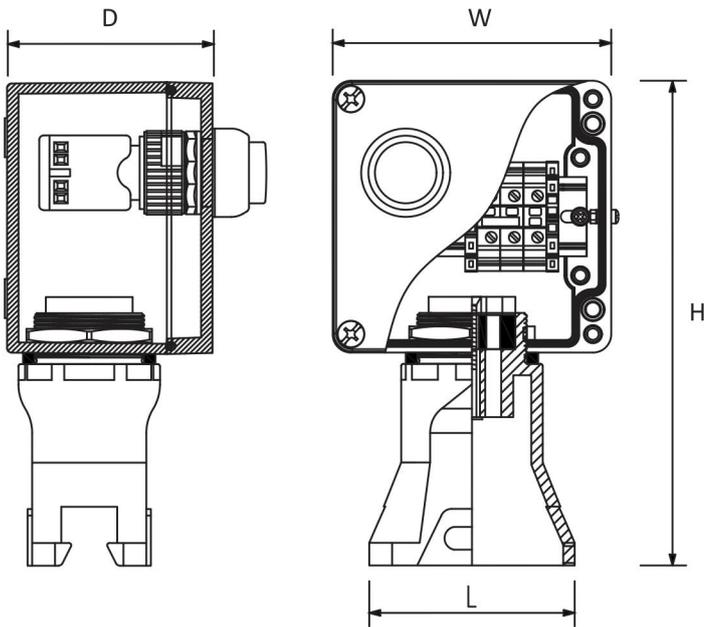
PYEX-EP-JBP-LP/LE

GRP enclosure with plastic pipe-mount & signal lamp



Features	<p>The PYEX-EP-JBP-LP/LE is designed and manufactured to meet all requirements of relevant standards for industrial heat tracing cable system in hazardous location such as petrochemical plant, gas plant, ship and off-shore facility and utilizes an Ex certified GRP enclosure with plastic pipe-mount for self-regulating heating cable's connection. For the monitoring purpose, an Ex certified LED signal lamp is installed on the lid of GRP enclosure.</p>						
Specification	<p>Protection type : Ex db eb IIC Applicable heating cables in hazardous location : FBL, FBH, FBX, FBZ Temperature classification FBL : T6 (85°C) FBH : T4 (135°C) FBX15x / 30x / 45x, FBZ15x / 30x / 45x : T3 (200°C) FBX60x, FBZ60x : T2 (220°C) Enclosure service temperature : -55°C to 135°C Plastic pipe-mount service temperature on the pipe : -50°C to 200°C Max rated voltage 277Vac LED signal lamp Rated voltage: 20~ 250Vac Power consumption: ≤1W Color: Green, Red, Yellow, Blue, White Max load current : 50A for PYEX-EP-JBP-12 & 16, 100A for PYEX-EP-JBP-26 Ingress protection : IP66 (when assembled with heating cables) Enclosure material : Glassfibre reinforced polyester / UV stabilized Pipe-mount material : PPS Impact resistance : 7J Flammability : Self-extinguishing UL 94/V-0 Color : Graphite black Gasket and seal : Flame-proof silicone rubber Maximum power conductor cross section : 10mm² Thread for power cable entry : Max. M25, PF3/4, NPT3/4-14 Approval : KCs, ATEX, IECEx Reference standards : IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-30-1</p>						
Selection Code	<p>PYEX-EP-JBP - 12 - LP (a) (b) (c)</p> <table border="1"> <tr> <td data-bbox="528 1715 619 1749">a</td> <td data-bbox="624 1715 1174 1749">Model</td> </tr> <tr> <td data-bbox="528 1794 619 1827">b</td> <td data-bbox="624 1756 1174 1861">Enclosure size 12: 120x120x90 mm 16: 160x120x90 mm 26: 260x120x90 mm</td> </tr> <tr> <td data-bbox="528 1895 619 1928">c</td> <td data-bbox="624 1868 1174 1946">Function LP: Power connection with signal lamp LE: End termination with signal lamp</td> </tr> </table>	a	Model	b	Enclosure size 12: 120x120x90 mm 16: 160x120x90 mm 26: 260x120x90 mm	c	Function LP: Power connection with signal lamp LE: End termination with signal lamp
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Certification							

Product drawing



Note

The dimension of assembled enclosure system varies depending on the choice of enclosure size.

Model	W	H	L	D
PYEX-EP-JBP-12	122	244	90	90
PYEX-EP-JBP-16	160	284	90	90
PYEX-EP-JBP-26	260	254	90	90

Components

Part Name	Description
PYEX-EP-JB	12 : 122x120x90 16 : 160x160x90 26 : 260x160x90
PYEX-EP-LID	Enclosure lid
PYEX-EP-BODY	Enclosure body
PYEX-TBP	Ex Terminal block for power
PYEX-TBE	Ex Terminal block for earth (Yellow/Green)
JBP-MEMT	Mount
JBP-HS	Heater seal
PYEX-LK	Signal lamp kit
PYEX-EAS	Earth stud (Optional)

Seal selection and applicable heaters

Part No	Width(A)	Height(B)	Applicable Heaters	Outer Jacket
JBP-HS116	11.6	5.6	FBL 10,16,24	Fluoropolymer -CF / Polyolefin -CP
JBP-HS122	12.2	4.6	FBX FBZ 15,30,45,60	Fluoropolymer -CT
JBP-HS127	12.7	5.2	FBH 15,30,45	Fluoropolymer -CT
JBP-HS136	13.6	5.6	FBL 30	Fluoropolymer -CF / Polyolefin -CP
JBP-HS143	14.3	5.4	FBH 60	Fluoropolymer -CT

All dimensions are in mm.