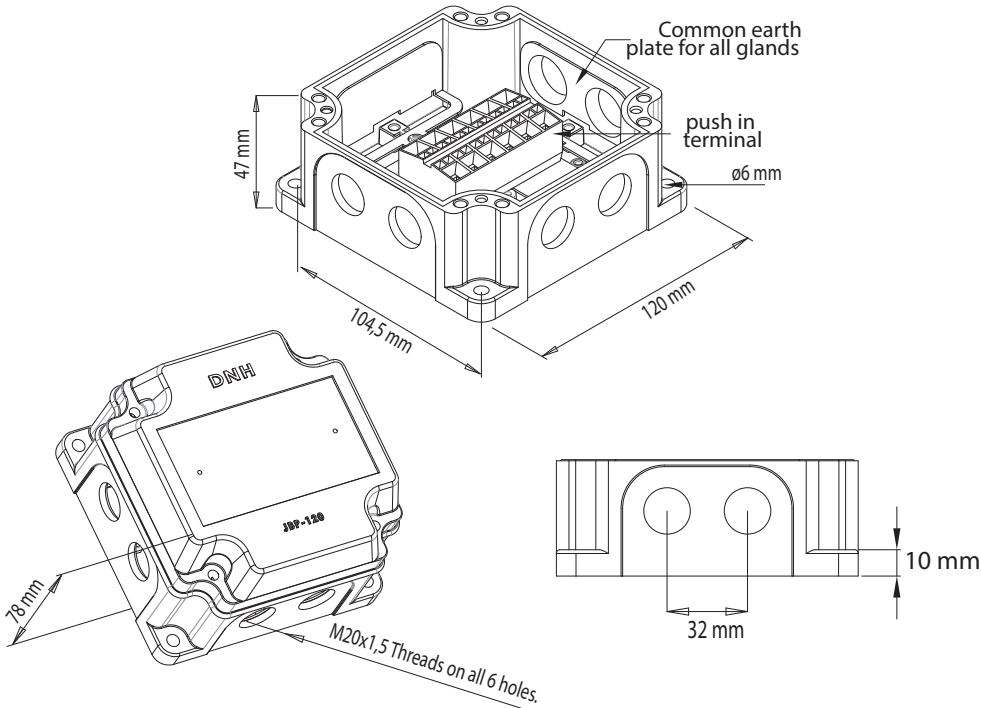




JBP-120EExeN

Ex-junction box





3 x M20 cable glands and
4 x M20 blind plugs

Fig. 1 - Technical drawing

All units in mm

TECHNICAL SPECIFICATIONS	
Material	Anti-static PA
Color	Black
Mounting	4 screws
Cable entry (standard)	6xM20 entries
Termination (standard)	Push-in terminal
Weight	0,4 kg
IP-rating	66 / 67
Ambient Temp. Min/Max	-50°C / 50°C
Options	Terminals, cable glands

ELECTRICAL DATA		
Wire cross section:	Max. Current:	Max. Voltage:
0,5mm ²	5A	275V
1,5mm ²	10A	275V
2,5-6,0mm ²	16A	275V

APPROVALS AND CERTIFICATIONS	
Ex-marking	Ex II 2 G Ex eb IIC T6 Gb
IECEX	IECEX DNV 24.0006X
ATEX	DNV 24 ATEX 54311X
INMETRO	DNV 25.0019 X
Other certificates (variants*)	ECAS Ex
*contact the Sales team to ensure you get the right approvals	



Copy of all certificates can be found
by scanning QR-code or going to the
DNH web page: www.dnh.no

INSTALLATION, OPERATION AND MAINTENANCE PROCEDURES:

WARNING: Do not open the Ex-junction box when it is energized.

1. Screw the junction box to the wall or ceiling with 2-4 screws. (Not enclosed)
2. If the Ex-junction box is to be earthed use marked earth screws inside the enclosure.
3. Use only appropriate ATEX certified 'Ex eb' cable glands/blind plugs reflecting the same specifications as the rest of the junction box with respect to IP rating and environmental temperature.
4. Be sure that the environmental temperature is within the certified temperature range.
5. Approved terminals are:
 - WAGO 264 with certificate PTB 98ATEX3129U (standard)
 - Weidmuller BK/MK3/MK6 with certificate TUV 18 ATEX 8209U
 - Weidmuller SAK 2.5 with certificate TUV 18 ATEX8207U on DIN-rail.
6. For screw terminals all terminal screws, used and unused, shall be tightened down to:
 - BK – TUV 18 ATEX 8209U: 0,5Nm and 0,7Nm
 - MK - TUV 18 ATEX 8209U: 0,4Nm and 0,45Nm
 - SAK 2.5 – TUV 18 ATEX 8207U: 0,4Nm and 0,8Nm
7. Grounding: earth pos. by separate grounding wire onto screw/nut on grounding plate alternatively earth by cable w/ screen-cable gland- grounding plate, screen is grounded inside metal cable gland. Grounding plate between cable gland and metal contra-nut.
8. In general, the anti-static polyamide housing material used for DNH's Ex-junction box, is suitable for all kinds of different climatic conditions, including heavy marine environment.
9. Every time the lid is removed for inspection, check that the gasket is fitted correctly to the lid before you refit the lid.
Do not use any lubricants on the gasket.
10. The lid screws should be fastened with a torque of approximately 1Nm to ensure the IP-rating.
11. JBP-120 EExeN is certified according to Directive 2014/34/EU and EN IEC 60079-0: 2018, EN 60079-7: 2015/A1:2018
12. JBP-120EExeN has a two year warranty against defective workmanship.
13. **Special conditions for Safe Use:**
The Ex-junction box must be placed in the environment with low risk of mechanical danger.





Makes the world sound

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