

Junction Box for Light Indication

The junction box for light indication is designed for the purpose of light indication and connection of self-regulating heating cables to power network. The junction box is used as a part of heat tracing systems for pipelines and vessels in non-hazardous areas. The junction box is equipped with a pipe installation support stand UVK which allows fixation directly

onto the pipeline/vessel. The junction box design ensures moisture and dust ingress protection IP66 and high corrosion stability. The installed terminal blocks ensure fast and safe connection of multi-core or single-core conductors. Our boxes are available with screw clamp terminals as well as with push-in terminals.

Features

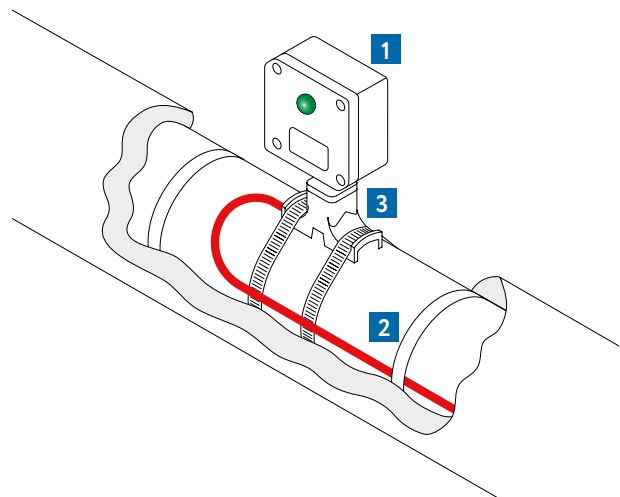
- Non-hazardous area approved solution
- Excludes the risk of damage to heating cables
- All required component parts are included
- Quick and easy installation
- High thermal stability
- Non-corrosive

Application Areas

- Temperature maintenance or freeze protection of pipelines and vessels in non-hazardous areas

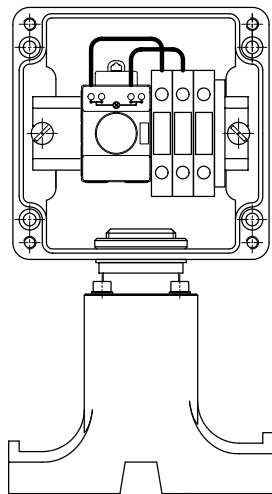


JB2212-223-1xxxx

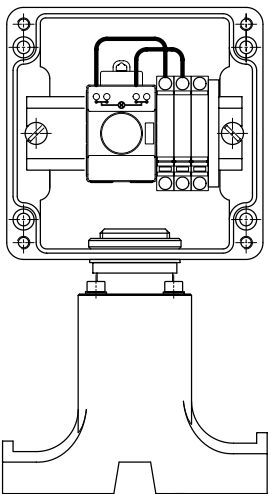


1. JB2212-223-1xxxx junction box
2. Heating cable
3. Pipe support stand UVK

Construction



JB2212-223-1xxxx box with screw clamp terminal block



JB2212-223-1xxxx box with push-in terminal block

Technical Data

Degree of protection	IP66
Ambient temperature range	-55...+55 °C
Operating voltage on terminals	max. 750 V
Maximum voltage on light module	250 V
Operating current	max. 32 A
Electric lamp lifetime	> 10 ⁵ h
Lamp consuming power	< 1 W
Light source	green LED
Light coverage	180°
Enclosure dimensions	122×120×90 mm
Total weight (maximum)	1.35 kg
Material box	Glass fiber reinforced polyester
Color	Grey
Pipe installation support material	Glass fiber reinforced polyester
Color	Black

Types

Name	Order code
JB2212-223-11320	2210001612
JB2212-223-12320	2210001613

Application types

Application	Terminals	Name
Light ind. end box	screw, 1L, 1N, 1PE	JB2212-223-11320
	push-in, 1L, 1N, 1PE	JB2212-223-12320

Accessories (to be ordered separately)

Metal pipe strap PFS/3 – for mounting the box onto the pipeline.

Approvals

