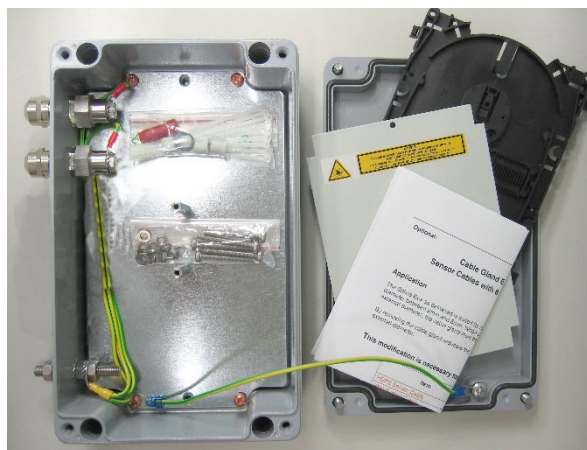


Ex Splice Box Outdoor for Sensor Cable with Grounding System

Part number: 28024138



Specifications:

General description	Outdoor splice box with grounding system for stranded wire loose steel tube sensor cable. Installation in harsh outdoor environment and potentially explosive atmospheres. Provides two entries for sensor cables and a grounding bolt. For use with sensor cables "FIMT" or "Fast Response PEx". Only LIOS-DTS with option "Explosion Protection" must be used.
Included items	<ul style="list-style-type: none"> - Splice cassette with accessories preinstalled in box - Cable gland reducers for sensor cable entries - Set of screws, washers and nuts (M5) for mounting
Connector for grounding of box, sensor cables	Bolt M8 with nut, wrench size 13mm
Sensor cable entries	2 cable glands for cables of 2 – 6mm diameter. Optional for cables of 5 – 10mm diameter when removing gland reducer. Wrench size 20mm. Cable glands equipped with special termination socket with spring contacts for steel tube.
Outer diameter of metal steel tube (FIMT)	See options
Transition resistance on spring contacts	Max. 0.5mΩ
Rated current of grounding system	Min. 0.5kA for 1sec, 16A permanently
Material and colour box	Aluminium, seal in cover, powder coating, silver-grey RAL7001
Outer dimensions box (WxDxH)	260mm x 160mm x 91mm
Mounting box	4 holes in corners, 6mm diameter, distances: 240/110mm
Weight	2.0kg
Storage / operating temperature	-50°C to 90°C
Protection grade (box, glands)	IP66 (EN60529)
Ex Type-Test-Certificate (box)	PTB 98 ATEX 3101 U
Ex type of protection (box)	II 2 G Ex e IIC Gb
Ex Type-Test-Certificate (glands)	IBExU 01 ATEX1041 X
Ex type of protection (glands)	II 2 G Ex eb IIC
Compliances	EN 60079-0:2009, EN60079-7:2007, EN 60079-31:2009, RoHS

www.nktphotonics.com/lios

NKT Photonics GmbH
 Schanzenstrasse 39
 Building D9-D13
 51063 Cologne
 Germany

Tel.: +49 221 99887-0
 Fax: +49 221 99887-150
sales-lios@nktphotonics.com



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Options:

For FIMT 1.8mm: Min. 1.7mm, max. 2.0mm	28024138
For FIMT 2.2mm: Min. 2.1mm, max. 2.5mm	28024xxx*
For FIMT 3.2mm: Min. 3.1mm, max. 3.5mm	28024xxx*

*Article will be created after order

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