

- For installation in a protective enclosure in accordance with DIN EN 60079-0
- Standard and customised enclosure versions available
- For professional and time-saving FO installation in Zone 1 and 2
- With one or two splice protector holders for installation of 6 or 12 fibre optics
- Integrated crossover field for a bending radius-limited crossover of fibres
- FO can provide power supply to all four sides
- Easy mounting

A6

WebCode **8186A**





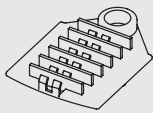
The 8186 series FO splice cassette for Zone 1 enables the proper and time effective connection of fibre optic cables in hazardous areas. Overall, the splice cassette provides space for 2 splice protection holders. When using one splice protection holder a max. of 6 fibre optics can be installed or max. 12 fibre optics with two splice protection holders. The splice cassette is used, for example, in connection chamber enclosures as a transfer point between the flameproof control panels and network or as a connection point between the fibre optics. The splice cassette is available for use in areas prone to gas or dust explosions, for installation in a protective enclosure in accordance with DIN EN 60079-0, and which is suitable for the provided operating location. Pre-assembled and customised enclosure solutions for various applications are available.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table				
Product Description	Splice cassette Fibre optic			
Product Type	Description	Art. No.	Weight kg	
8186/1	max. 12 fibre optics	203633 ▲	0.105	

Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex op pr IIC Gb
ATEX gas explosion protection	Ⓔ II 2 G Ex op pr IIC Gb
Certificates	ATEX (PTB), IECEx (PTB)
Electrical Data	
Frequency	10 GHz 1 GHz 100 MHz 10 MHz
Ambient Conditions	
Ambient temperature	-40 °C ... +60 °C

Accessories

Figure	Description	Art. No.	Weight kg
Control panel With fibre optic Splice cassette			
	Enclosure 8146/5071+ 8186 (1 x Splice cassette) Polyester resin, Glass fibre reinforced	257034	1.700
	Enclosure 8150/5-0360-0176-091-3311+ 8186 (1 x Splice cassette) 1.4404 stainless steel, (AISI 316L), brush finished	241704	3.800
Accessories set, splice protector holder 6-way			
	for max. 6 FO 8186 Accessories Set FO Splice Box 1x splice protector holder 6-way 6x shrink splice protectors 2x cable ties	203682	0.006

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

