



Flameproof Enclosures

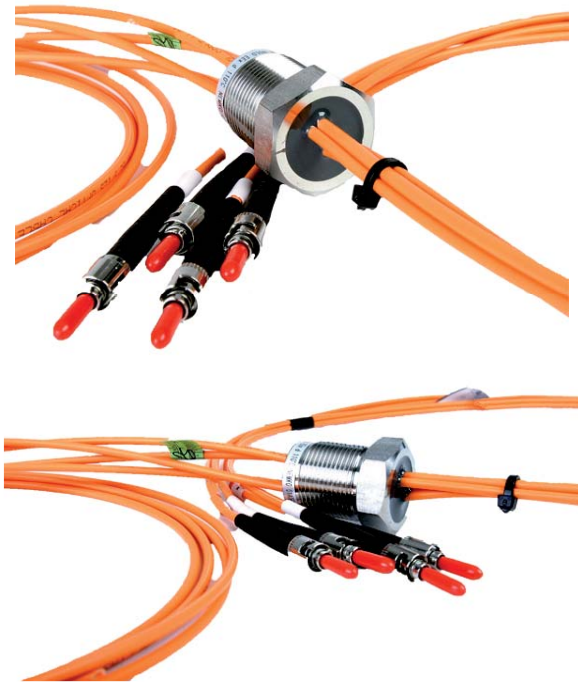
TNDLD (Fiber)



The TNDLDF range of fibre optic line bushings are designed as components for use in all Ex de enclosures to pass connection between the Ex d and Ex e compartment in combination Ex de enclosures. The TNDLDF is manufactured to order and can accommodate multiple fibre cores or a combination of fibre, wire conductor and coaxial cables.

Specifications

Material	Acid resistant Stainless steel AISI 316L
Temperature	
TNDLD/TNDLDC/ TNDLDE	-20°C to +76°C
Approvals	
- ATEX	NEMKO-01-ATEX-471U
- IECEx	IECEx NEM 09.0012U
Standards	EN/IEC: 60079-0, 60079-1
Ex-Code	Ex d II C ⊕ II 2 G and EPL Gb
Surface treatment	Machine treated
Rated voltage	Max 1000V
Options	Other lengths, colours and connectors upon request
Note:	Special conditions according to IEC/EN 60079-28 may apply for Zone 1/Gb



Ex d Fibre bushings, -20°C - +76°C					
Type	Number of fibres	Fibre type	Thread size	Fibre length in mm Ex e / Ex d	Connector
TNDLDF 1X62.5/125	1	62.5/125	M24	750/750	ST
TNDLDF 2X62.5/125	2	62.5/125	M24	750/750	ST
TNDLDF 4X62.5/125	4	62.5/125	M24	750/750	ST

Ex d Multi fibre / line bushings, -20°C - +76°C								
Type	Number of fibres	Fibre type	Thread size	Fibre/wire length in mm Ex e/Ex d	Connector	Number of cores	Wire size mm ²	Rated current A with T-amb 60°C
TNDLDF 4X62.5/ 125+10x0.75	4	62.5/ 125	M42	750/750	ST	10	0.75	9
TNDLDF 4X62.5/ 125+10x1.5	4	62.5/ 125	M42	750/750	ST	10	1.5	14