



The TNDLD range of 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 TNDLD is available in a wide range of standard configurations and can also be manufactured to order for custom or hybrid bushing requirements.

Specifications

Material	Acid resistant Stainless steel AISI 316L
Temperature	
TNDLD/TNDLDC/ TNDLDE	-40°C to 110°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
Colour	Standard black or blue wires
Type of wire	Radox 125 halogen free 1250
Options	Other lengths and colours upon request



Type	Number of cores	Wire size mm ²	Thread size	Wire length in mm Ex e / Ex d	Rated current A with T-amb 60°C
TNDLD 4x0,75	4	0,75	M24	1000/1000	12
TNDLD 6x0,75	6	0,75	M24	1000/1000	11
TNDLD 12x0,75	12	0,75	M42	1000/1000	8
TNDLD 16x0,75	16	0,75	M42	1000/1000	8
TNDLD 21x0,75	21	0,75	M42	1000/1000	7
TNDLD 4X1,5	4	1,5	M24	1000/1000	19
TNDLD 6X1,5	6	1,5	M42	1000/1000	16
TNDLD 12X1,5	12	1,5	M42	1000/1000	13
TNDLD 16X1,5	16	1,5	M42	1000/1000	12
TNDLD 20X1,5	20	1,5	M42	1000/1000	11
TNDLD 4X2,5	4	2,5	M24	1000/1000	26
TNDLD 6X2,5	6	2,5	M42	1000/1000	23
TNDLD 12X2,5	12	2,5	M42	1000/1000	18
TNDLD 6x4	6	4	M42	1000/1000	31
TNDLD 6X6	6	6	M42	1000/1000	41
TNDLD 9X6	9	6	M42	1000/1000	37
TNDLD 3X10	3	10	M42	1000/1000	73
TNDLD 6X10	6	10	M42	1000/1000	59
TNDLD 3X16	3	16	M42	1000/1000	97
TNDLD 6X16	6	16	M42	1000/1000	79
TNDLD 3X25	3	25	M42	1000/1000	129
TNDLD 3X35	3	35	M42	1000/1000	163
TNDLD 3X50	3	50	M42	1000/1000	205
TNDLD 1X70	1	70	M42	1000/1000	372
TNDLD 1X95	1	95	M42	1000/1000	448
TNDLD 1X120	1	120	M42	1000/1000	523
TNDLD 1X185	1	185	M42	1000/1000	682

Ex d Line bushings blue, 1000V, -40°C - +110°C					
Type	Number of cores	Wire size mm ²	Thread size	Wire length in mm Ex e / Ex d	Rated current A with T-amb 60°C
TNDLD 6x0,75B	6	0,75	M24	1000/1000	11
TNDLD 16x0,75B	16	0,75	M42	1000/1000	8
TNDLD 21X0,75B	21	0,75	M42	1000/1000	7
TNDLD 4X1,5B	4	1,5	M24	1000/1000	19
TNDLD 6X1,5B	6	1,5	M42	1000/1000	16
TNDLD 12X1,5B	12	1,5	M42	1000/1000	13
TNDLD 20X1,5B	20	1,5	M42	1000/1000	11