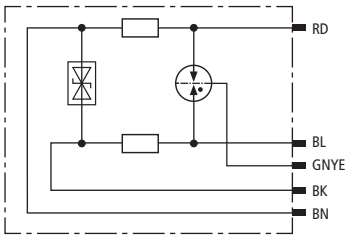
DEHNpipe

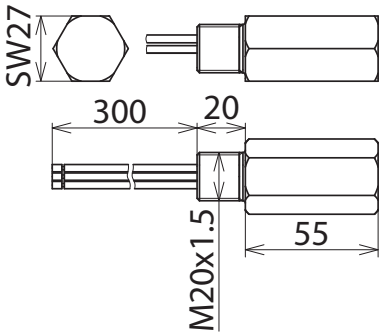
DPI CD HF EXD 5 M (929971)

- Easy to mount on the spare cable gland of field devices
- Ex (d) version for a variety of applications
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_B – 2 and higher





Basic circuit diagram



Dimension drawing

Flameproof surge arrester in an energy-coordinated low-capacitance protective circuit for use in potentially explosive atmospheres for protecting measuring circuits and bus systems.

Type	**DPI CD HF EXD 5 M**
Part No.	**929971**
Technical data	
SPD class	TYPE 2 P1
Nominal voltage (U_N)	5 V
Max. continuous operating voltage DC (U_C)	6 V
Max. continuous operating a.c. voltage (U_C)	4,2 V
Nominal current at 80°C (I_L)	0,1 A
C2 Total nominal discharge current (8/20 µs) (I_n)	20 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	10 kA
Voltage protection level line-line for I_n C2 (U_P)	≤ 55 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 1000 V
Voltage protection level line-line at 1 kV/µs C3 (U_P)	≤ 12 V
Voltage protection level line-PG at 1 kV/µs C3 (Up)	≤ 700 V
Cut-off frequency line-line (f_G)	100 MHz
Capacitance line-line (C)	≤ 40 pF
Capacitance line-PG (C)	≤ 30 pF
Series resistance per line	4,7 Ohm
Operating temperature range (T_U) for ATEX / IECEx	-50 °C ... +80 °C
Degree of protection	Aufbau in IP 67
For mounting on (field / device side)	M20 x 1,5 Außengewinde
Connection	Anschlussleitungen 1,3 mm²
Length of the connecting lead	300 mm
Earthing via	Anschlussleitung
Enclosure material	NIRO (V2A)
Colour	blank
Test standards	IEC 61643-21 / EN 61643-21
Approvals	ATEX, IECEx, CCC, SIL
ATEX approvals	KEMA 04ATEX2190 X: II 2 G Ex db IIC T5 or T6 Gb
IECEx approvals	KEM 09.0064X: Ex db IIC T5 or T6 Gb
China Compulsory Certification	CCC No. 2021312304001029
SIL classification	up to SIL3 *)

Masterdata	
Net weight	271.6 g/pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364120761
PU	1 pc(s)

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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