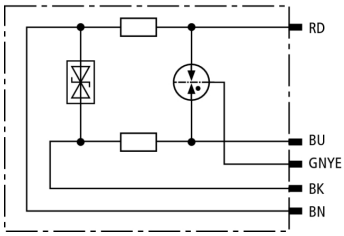
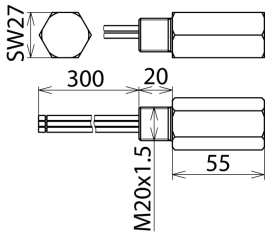
DPI CD HF EXD 5 M (929 971)

- 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

Figure without obligation



Basic circuit diagram DPI CD HF EXD 5 M



Dimension drawing DPI CD HF EXD 5 M

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

Technical data

Type Part No.	DPI CD HF EXD 5 M 929 971
SPD class	TYPE 2 P1
Nominal voltage (U_N)	5 V
Max. continuous operating voltage (d.c.) (U_C)	6 V
Max. continuous operating voltage (a.c.) (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 (U_P)	≤ 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 ohms
Operating temperature range (T_U) for ATEX / IECEx	-50 °C ... +80 °C
Degree of protection	IP 67
For mounting on (field / device side)	M20 x 1.5 male thread
Connection	connecting lines (1.3 mm^2)
Length of the connecting lead	300 mm
Earthing via	connecting line
Enclosure material	StSt (V4A)
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Approvals	EACEx, ATEX, IECEx, SIL
ATEX approvals	KEMA 04ATEX2190 X: II 2 G Ex d IIC T5 or T6 Gb
IECEx approvals	KEM 09.0064X: Ex d IIC T5 or T6 Gb
Weight	272 g
Customs tariff number	85363010
GTIN	4013364120761
PU	1 pc(s)

*) For more detailed information, please visit www.dehn-international.com.