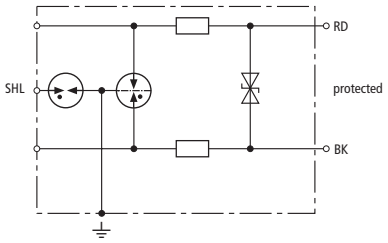
DEHNpipe

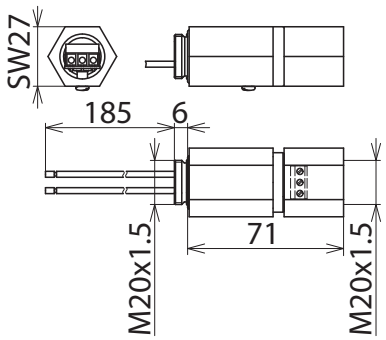
DPI MD 24 M 2S (929941)

- Easy to mount due to two-part design
- Suitable for three shielding concepts
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_B – 2 and higher





Basic circuit diagram



Dimension drawing

Energy-coordinated two-stage arrester, no leakage currents to earth, for 4-20 mA interfaces with thread M20 x 1.5 (female/male). Direct, indirect or no shield earthing. Cable gland available as accessory part.

Type	**DPI MD 24 M 2S**
Part No.	**929941**
Technical data	
SPD class	TYPE 2 P1
Nominal voltage (U_N)	24 V
Max. continuous operating voltage DC (U_C)	34,8 V
Max. continuous operating a.c. voltage (U_C)	24,5 V
Nominal current (I_N)	0,5 A
D1 Lightning impulse current (10/350 µs) per line (I_{imp})	1 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) shield-PG (I_n)	20 kA
Voltage protection level line-line for I_n C2 (U_P)	≤ 65 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 650 V
Voltage protection level shield-PG for I_n C2 (U_P)	≤ 650 V
Voltage protection level line-line at 1 kV/µs C3 (U_P)	≤ 50 V
Voltage protection level line-PG at 1 kV/µs C3 (Up)	≤ 500 V
Voltage protection level shield-PG at 1 kV/µs C3 (U_P)	≤ 600 V
Cut-off frequency line-line (f_G)	14 MHz
Capacitance line-line (C)	≤ 400 pF
Capacitance line-PG (C)	≤ 20 pF
Capacitance shield-PG (C)	≤ 15 pF
Series resistance per line	2,2 Ohm
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection with cable gland	IP 67
For mounting on (field / device side)	M20 x 1,5 Innengewinde / M20 x 1,5 Außengewinde
Connection (input / output)	screw / connecting lines (1.5 mm²)
Length of the connecting lead	200 mm
Cross-sectional area, solid	0.08-2.5 mm²
Cross-sectional area, flexible	0.08-1.5 mm²
Earthing via	Gehäuse oder Erdungsring (Zubehör)
Enclosure material	NIRO (V2A)
Colour	blank
Test standards	IEC 61643-21 / EN 61643-21
Approvals	SIL
SIL classification	up to SIL3 *)

Masterdata	
Net weight	173.4 g/pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364098152
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.

*) For details, see: www.dehn-international.com