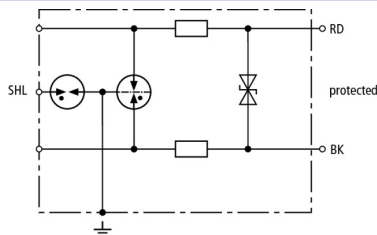


DPI SN1734 (929 948)

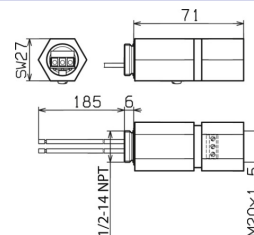
- Easy installation due to two-part design
- Suitable for three shielding concepts
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_B -2$ and higher



Figure without obligation



Basic circuit diagram DPI SN1734



Dimension drawing DPI SN1734

For 4-20 mA interfaces with thread M20 x 1.5 (female) and 1/2-14 NPT (male). Direct, indirect or no shield earthing. Cable gland available as accessory part.

Type	DPI SN1734
Part No.	929 948
SPD class	TYPE 2 PI
Nominal voltage (U_N)	24 V
Max. continuous operating d.c. voltage (U_C)	34.8 V
Max. continuous operating a.c. voltage (U_C)	24.5 V
Nominal current (I_L)	0.5 A
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	1 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) per line (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) 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/ μ s C3 (U_P)	≤ 50 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_P)	≤ 500 V
Voltage protection level shield-PG at 1 kV/ μ s C3 (U_P)	≤ 600 V
Series resistance per line	2.2 ohms
Cut-off frequency line-line (f_C)	14 MHz
Capacitance line-line (C)	≤ 400 pF
Capacitance line-PG (C)	≤ 20 pF
Capacitance shield-PG (C)	≤ 15 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 67
For mounting on (field / device side)	M20 x 1.5 female thread / 1/2-14 NPT male thread
Connection (input / output)	screw / connecting leads (1.5 mm ²)
Length of the connecting lead	200 mm
Cross-sectional area, solid	0.08-2.5 mm ²
Cross-sectional area, flexible	0.08-1.5 mm ²
Earthing via	enclosure or earthing ring (accessory)
Enclosure material	V2A
Colour	bare surface
Test standards	IEC 61643-21
Weight	190 g
Customs tariff number	85363010
GTIN	4013364159051
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.