

MCR protection for explosive areas, 3-pole, 24 V



Petrol field protector FDB for intrinsically safe measuring circuits and bus systems

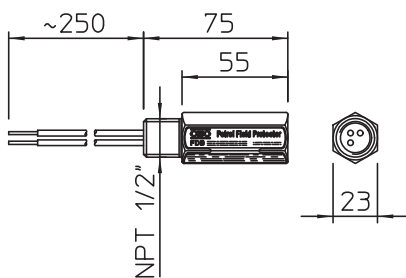


- Different connection technologies available (metric/NPT)
- Low protection level at high current load
- Easy mounting on field devices
- Negligible internal capacitance and inductance
- Stainless steel housing with pressure-resistant encapsulation
- Ex-tested: Ex II 2(1) G Ex ia IIC T6 (BVS 10 ATEX E 48)

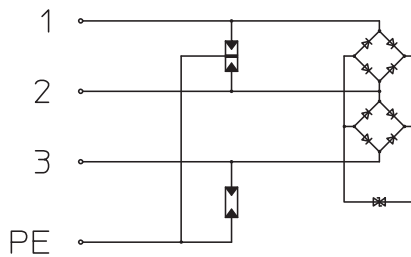
Application: Flow sensors, temperature sensors

Type	Highest continuous voltage AC V	Highest continuous voltage DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
FDB-3 24-N	22	32	3-pole; NPT	1	19,500	5098392

Dimensions



Connection options



FDB-3 24-N

Maximum continuous voltage AC V	U _c	22
Maximum continuous voltage DC V	U _c	32
Category		Type 2+3 / C2+C1
Lightning protection zone LPZ		1→3
Number of poles		3
Impulse durability wire-wire		C1: 0,5 kV / 0,25 kA (8/20µs)
Impulse durability wire-earth		C2: 5 kV / 2,5 kA (8/20µs)
Total discharge current (8/20) kA		10
Protection level wire-wire V		<80
Protection level wire-earth V		<800
Temperature range °C	θ	-20-70
Installation type		Screw-on
Protection rating		IP65/67
Mounting of input / output		1/2" NPT
Mounting of field / device side:		Connection cable 1.5 mm ² Length ~ 250 mm
Earthing via:		Connection cable
Housing material		V2A
EX approval		Ex II 2(1) G Ex ia IIC T6 (BVS 10 ATEX E 48)
Testing standard		IEC 61643-21