

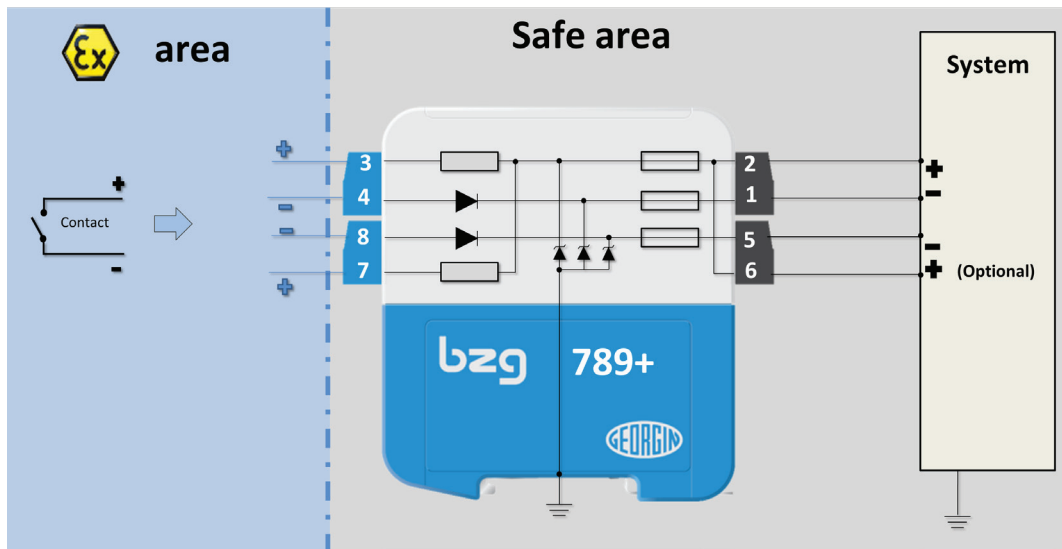
■ Function*

Zener barrier to insulate process signals:

- Contacts

*Non-exhaustive list. Contact us for more details

■ Type scheme



■ Metrological parameters

U(na) (V)	I(na) (mA)	Terminals	I(t) (µA)	U(e) (V)	Terminals	U(a) (V)	I _{fm} (mA)	RL (Ω)	Tol. +/- (%)	Pol.
20	35	2/T	10	24.90	2/3	26.8	50	658.3	5	+
		1/T	10	24.90	1/4	26.8	50	0.9V+11.3Ω	-	
		5/T	10	24.90	6/7	26.8	50	658.3	5	
		6/T	10	24.90	5/8	26.8	50	0.9V+11.3Ω	-	

U(na): Maximum use voltage in Ex nA [ia] for a T4 class of temperature:-20°C / +60°C

I(na): Maximum use current in Ex nA [ia] for a T4 class of temperature:-20°C / +60°C

U(e): Voltage for which a leakage current lower or equal to I(t) is assured

U(a): Maximum voltage input

RL: Line resistance

Tol: Tolerance of line resistance

I_{fm}: Maximum current that can pass through the barrier (without destruction)

T: Ground

/: On

■ Intrinsic safety parameters

Terminals	R _o (Ω)	U _o (V)	I _o (mA)	P _o (mW)	Lo IIC (µH)	Co IIC (µF)	L/R IIC (µH/Ω)	Lo IIB (µH)	Co IIB (µF)	L/R IIB (µH/Ω)
3/T	589	27.30	46.35	316.34	16550.56	0.088	112.4	66202.25	0.683	449.59
7/T	589	27.30	46.35	316.34	16550.56	0.088	112.4	66202.25	0.683	449.59
4/T & 8/T	-	0.00	0.00	0.00	-	-	-	-	-	-
3//7/T	294.5	27.30	92.70	632.67	4137.64	0.088	56.2	16550.56	0.683	224.80
3/4 & 8/7	588.98	28	47.54	332.77	15733.38	0.083	106.85	62933.51	0.650	427.39
3//7/4 & 3//7/8	294.49	28	95.08	665.53	3933.34	0.083	53.42	15733.38	0.650	213.70

T: Ground

//: Parallel

/: On

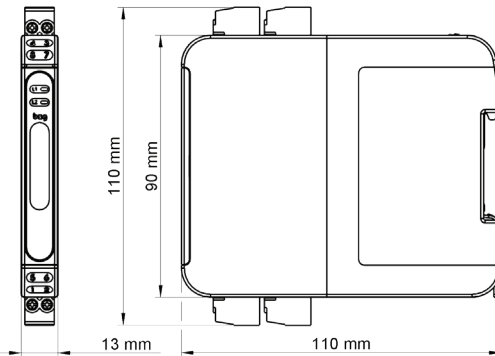
■ **Certifications**

ATEX certificate:	11ATEX0024X
IECEX certificate:	INE 11.0009X
Marking:	CE0081 II (1) GD [Ex ia Ga] IIC ou [Ex ia Ga] IIB ou [Ex iaD Da] IIIC CE0081 II 3 (1) G Ex nA [ia Ga] IIC T4 Gc
ATEX	EN 60079-0 / EN 60079-11 / EN 60079-15 / EN 61241-11 / EN 61241-0
IECEX	IEC 60079-0 / IEC 60079-11 / IEC 60079-15 / IEC 61241-11 / IEC 61241-0
C.E.M.	EN 61326-1 & IEC61000-6-2
D.B.T.	NFC 15-100
SIL	EN 61508 (SIL 2 or SIL 3 according to application)

■ **Mechanical features**

Material	Polycarbonate
Weight	≈200g
Mounting	On Din-rail
Stockage T°	-25 to 70°C
Operating T°	-20° to 60°C
Relative humidity	5 to 80% without condensation
Protection index	IP 20

Size:



■ **Electrical wiring**

Electrical wiring	Removable screw terminals for 0.2 to 2.5mm ² cable
Marking	Blue terminals for the ATEX area Black terminals for the safe area
Ground wiring	Fix screw terminal for 4mm ² cable

■ **Location**

Safe area
Zone 2 in an IP 54 housing (minimum)

■ **Options**

Led in front: no
Removable lable holder: yes
Din-rail isolator: contact us