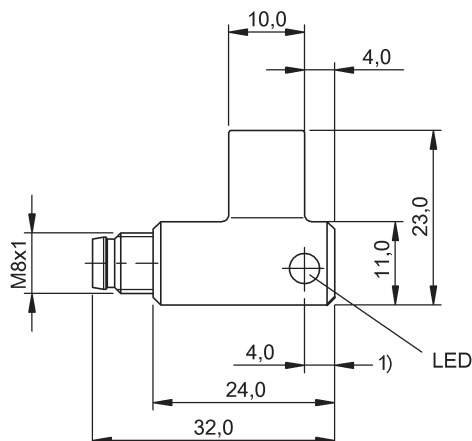


1) Measuring point 2) Active surface

- Magnetic field sensor
- Normally open (NO)

LISTED IND. CONT. EQ. 81U2
for use in the secondary of
a class 2 source of supply**General attributes**

Approvals / Conformity

cULus
CE
IEC 60947-5-2
IP67
yes
yes
yesBasic standard
Enclosure Type per IEC 60529
Function indicator
Polarity reversal protected
Short circuit protected**Electrical attributes**Assured switching field strength 2.0 kA/m
Connection type Connector
Eff. operating current I_e 200 mA
Eff. operating voltage U_e DC 24.0 V
Electrical version DC, direct current
Hysteresis H max. (in % of H_n) 45 %
Load capacitance max. (at U_e) 1.00 μ F
Max. no-load cur. I_o undamped 10.0 mA
No-load current I_o damped max. 15.0 mA
Operating voltage U_B max. DC [V] 30.0 V
Operating voltage U_B min. DC [V] 10.0 V
Rated insulation voltage U_i 75 DCRated short circuit current
Rated switching field strength
Ripple max. (% of U_e)
Switching freq. f max. (at U_e)
Switching function
Switching output
Turn on time t_{on} max.
Voltage drop static max.100 A
1.2 kA/m
15 %
10000 Hz
Normally open (NO)
PNP
0.05 ms
3.1 V**Mechanical attributes**Ambient temperature T_a max. 85 °C
Ambient temperature T_a min. -25 °C
Connector type M08x1-S49
Depth 32.00 mm
Height (small side) 11.00 mm
Housing material PBTP
Sensing face material PU
Temperature drift max. % of H_n 0.3 %
Width (long side) 11.0 mm**Additional text**

The sensor is functional again after the overload has been eliminated.

