

86 8699 MT V002

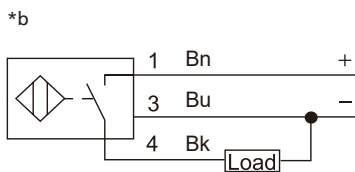
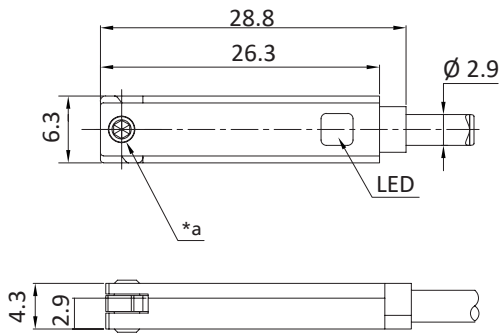
Magnetic field sensors



Magnetic field sensor for T-slot, straight, switched positive (PNP), normally open (NO), IP67, 26.3 mm x 6.3 mm x 4.3 mm, cable: PVC, black, 2 m, open end, stripped and hot-dip tinned

Approvals: **CE**

86 8699 MT V002



*a hexagon socket screw

*b wiring diagram

Environmental conditions

Temperature range	-10 °C/+70 °C
Vibration resistance	55 Hz, 1.5 mm ¹
Shock resistance	30 g/11 ms ²

¹ according to EN 60068-2-27

² according to EN 60068-2-6

Materials

Housing	PBT
Sensing surface	PBT

Mechanical data

Protection class	IP67
------------------	------

Connected cable

Outer jacket	PVC, black, 3 x 0.14 mm ²
--------------	--------------------------------------

Electrical data (at T_{amb} 20 °C)

Rated operating current	≤ 200 mA
Operating voltage	10–30 V DC
Magnetic field strenght	40–750 Gauss
Switching frequency	1 kHz
Contact capacity	≤ 6 W
Further data	according to DIN EN IEC 60947-5-2:2021-04 protected against short-circuit, overload and reverse polarity

86 8699 MT V002

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
8699 MT V002	-	1	1