Ultrasonic Label Sensor (Fork Type)

BUFL-F50-3.0-S84 series · Operating Voltage: 10...30V DC · Switching Freq.: 1500Hz

IP65
Ingress Protection



KEY SPECIFICATIONS

OPERATING VOLTAGE **10...30V DC**	SWITCHING FREQ. **1500Hz**
AMBIENT TEMP. **+5°C...+55°C**	HOUSING **85.6*18.2*53mm**
OUTPUT **NPN/PNP**	INGRESS PROTECTION **IP65**

MODEL CODES

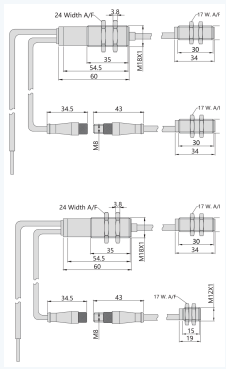
Output Type	Model Code
NPN/PNP	**BUFL-F50-PN3.0-S84** SKU 10105205

TECHNICAL DATA

Size	85.6*18.2*53mm
Fork width	3mm
Fork depth	69mm
Operating voltage	10...30V DC
Ripple voltage	<10%
Current consumption	≤50 mA
Switching frequency	1500Hz
Response time	250 μs
Switching output	NPN/PNP
Switching output (voltage)	PNP:High level=Uv≤2V/ Low level about 0V
Switch type	NO/NC selectable

Output current	100mA
Initialization time	100ms
Connection method	Plug, M8, 4 pins
Protection circuit	Yes
Ingress protection	IP65
Housing material	Aluminium
Ambient temperature	+5°C...+55°C
Storage temperature	-20°C...+70°C
Shock load	EN 60068-2-27
Electromagnetic compatibility	EN60947-5-2

DIMENSIONAL DRAWINGS



All dimensions in mm.