



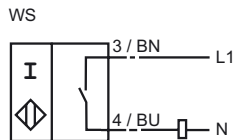
Model Number

NBB5-18GM80-WS-C-BHM

Features

- Weld Immune

Connection



Technical Data

General specifications

Switching element function		AC	NO
Rated operating distance	s_n	5 mm	
Installation		flush	
Assured operating distance	s_a	0 ... 4.05 mm	
Reduction factor r_{Al}		0.2	
Reduction factor r_{Cu}		0.15	
Reduction factor r_{304}		0.65	

Nominal ratings

Operating voltage	U_B	20 ... 253 V
Switching frequency	f	0 ... 20 Hz
Hysteresis	H	3 ... 10 typ. %
Short-circuit protection		no
Voltage drop	U_d	≤ 8 V
Momentary current (20 ms, 0.1 Hz)		0 ... 1.6 mA
Operating current	I_L	5 ... 200 mA
Off-state current	I_r	0 ... 1.7 mA typ.
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Core cross-section	-
Housing material	Brass, PTFE coated
Sensing face	PPS
Protection degree	IP67