



Switching Distance
Mounting

2,0 mm
Shielded

4,0 mm
Non - Shielded

2,0mm
Shielded

4,0 mm
Non - Shielded

	Type	Type	Type	Type
PNP Normally Open	KJ2-M12MB50-DPS-V2 9982-2065	KJ4-M12MN50-DPS-V2 9982-2365	KJ2-M12MB40-DPS 9962-4000	KJ4-M12MN40-DPS 9962-4200
PNP Normally Close				
NPN Normally Open	KJ2-M12MB50-DNS-V2 9982-2165	KJ4-M12MN50-DNS-V2 9982-2365	KJ2-M12MB40-DNS 9962-4100	KJ4-M12MN40-DNS 9962-4300
NPN Normally Close				
PNP Changeover				
NPN Changeover				
Operating Voltage U_b	18 - 30 V DC	18 - 30 V DC	10 - 30 V DC	10 - 30 V DC
Ripple Voltage U_b	$\leq 10 \%$	$\leq 10 \%$	$\leq 10 \%$	$\leq 10 \%$
Voltage Drop U_d	$\leq 1,5 \text{ V}$	$\leq 1,5 \text{ V}$	$\leq 1,5 \text{ V}$	$\leq 1,5 \text{ V}$
Max. Load Current I_o	120 mA	120 mA	200 mA	200 mA
Off-State Current I_o	$\leq 10 \text{ mA}$	$\leq 10 \text{ mA}$	$\leq 10 \text{ mA}$	$\leq 10 \text{ mA}$
Leakge Current I_r	$\leq 10 \mu\text{A}$	$\leq 10 \mu\text{A}$	$\leq 10 \mu\text{A}$	$\leq 10 \mu\text{A}$
Switching Frequency f	2000 Hz	1000 Hz	2000 Hz	1000 Hz
Hysteresis H	$\leq 15 \%$	$\leq 15 \%$	$\leq 15 \%$	$\leq 15 \%$
Operating Temperature T_a	-25°C ... +70°C	-25°C ... +70°C	-25°C ... +70°C	-25°C ... +70°C
Temperature Drift	$\leq 10 \%$	$\leq 10 \%$	$\leq 10 \%$	$\leq 10 \%$
Repeat Accuracy R	$\leq 10 \%$	$\leq 10 \%$	$\leq 10 \%$	$\leq 10 \%$
Protection Class	IP 67	IP 67	IP 67	IP 67
Switching State	LED	LED	LED	LED
EMC-Standard	IEC 60947-5-2	IEC 60947-5-2	IEC 60947-5-2	IEC 60947-5-2
Housing Material	Brass Nickel-Plated	Brass Nickel-Plated	Brass Nickel-Plated	Brass Nickel-Plated
Front Cap	PCP	PCP	PCP	PCP
Termination	M12 4-pol. Connector	M12 4-pol. Connector	Cable 3 x 0,34	Cable 3 x 0,34

More special versions by separate inquiries!

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