



M 8x1

2,0 mm	
embeddable	
9981-6064 PNP	
9981-6164 NPN	
9981-6464 PNP	
9981-6564 NPN	
10V... 30V DC	
≤ 10%	
≤ 10 mA	
200 mA	
≤ 2,4 V	
≤ 10 μA	
•	
•	
•	
3000 Hz	
typ. 5%, ≤ 10%	
≤ 10%	
≤ 2%	
Nickel-plated brass	
PCP	
M8 connector	
IP 67	
EN 60 947-5-2	
-25°C... +70°C	
4 hole LED	
CE, NEMA, IEC	

3,0 mm	
non-embeddable	
9981-6264 PNP	
9981-6364 NPN	
9981-6664 PNP	
9981-6764 NPN	
10V... 30V DC	
≤ 10%	
≤ 10 mA	
200 mA	
≤ 2,4 V	
≤ 10 μA	
•	
•	
•	
2500 Hz	
typ. 5%, ≤ 10%	
≤ 10%	
≤ 2%	
Nickel-plated brass	
PCP	
M8 connector	
IP 67	
EN 60 947-5-2	
-25°C... +70°C	
4 hole LED	
CE, NEMA, IEC	

1,5 mm	
embeddable	
9981-2000 PNP	
9981-2100 NPN	
10 V... 30 V DC	
≤ 10 %	
≤ 10 mA	
200 mA	
≤ 2,4 V	
≤ 10 μA	
•	
•	
•	
2000 Hz	
≤ 15 %	
≤ 10 %	
≤ 10 %	
Nickel-plated brass	
PCP	
Cable 3x0,14	
xxxx-xx00/xxxx-xx02	
xxxx-xx10/xxxx-xx12	
IP 67	
EN 60 947-5-2	
- 25 °C ... + 70 °C	
•	
CE	