

Datasheet

→ P XK12F200

10/06/2025



Technical data

M12 insert plug 12-pin with stranded wires for proboxx



Type	PXK12F200
Series	proboxx®
Rubric	Accessories enclosure

→ General data

Connection type	M12 A coded
Operating temperature	-25 °C ... 70 °C
Flammability class UL94	V0
Weight	10.4 g
Contact material	Copper alloy gold-plated
Storage temperature	-40 °C ... 80 °C
Material	PA66 enclosures
Standards	DIN EN 61076-2-101 (M12)
Degree of protection	IP67

→ Electrical data

Rated insulation voltage IEC/EN 60947-5-1	30 V AC/DC
Cable cross section	0.14 mm ²
Thermal continuous current	1 A
Overvoltage category	II

Pollution degree 2

Supply voltage max. 30 V AC/DC

Supply operating current 1 A

Pin	Color
1	Brown
2	Blue
3	White
4	Green
5	Pink
6	Yellow
7	Black
8	Grey
9	Red
10	Violet
11	Grey/pink
12	Red/blue

→ Mechanical data

Connection connector M12 5-pole A coded

Cable length 200 cm

Mechanical lifetime > 100 mating cycles

Rear connection: stranded wires with 2.8 × 0.8 mm flat plug connections