

M12 Power male 0° K-cod. screw terminal

5-pol., max. 2,5mm², 8 - 13mm

Power

Male straight

M12

5-pole

K-coded

Screw terminals

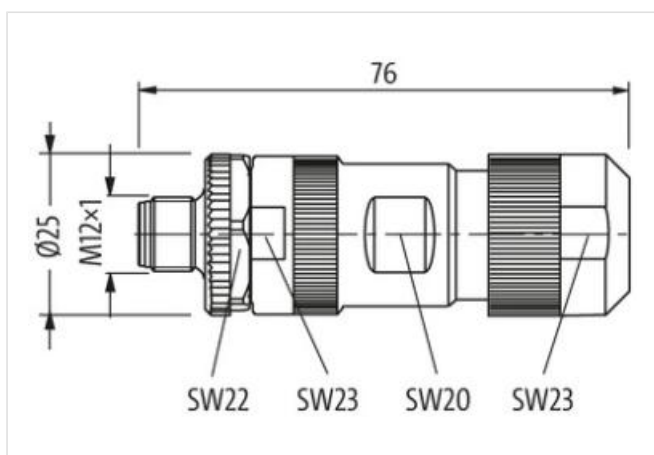
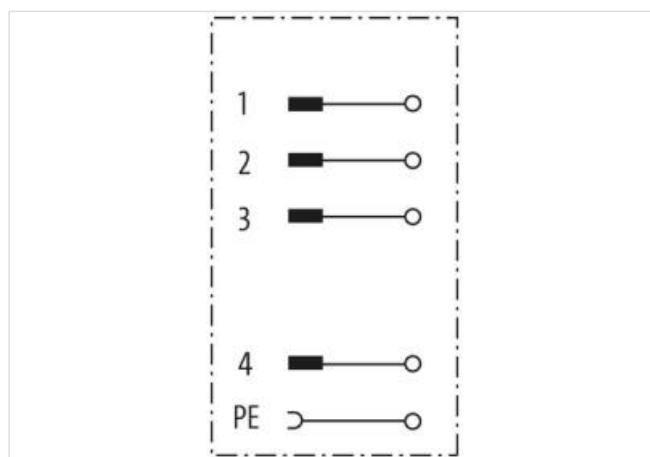
Sealing range (cable Ø)

8...13 mm

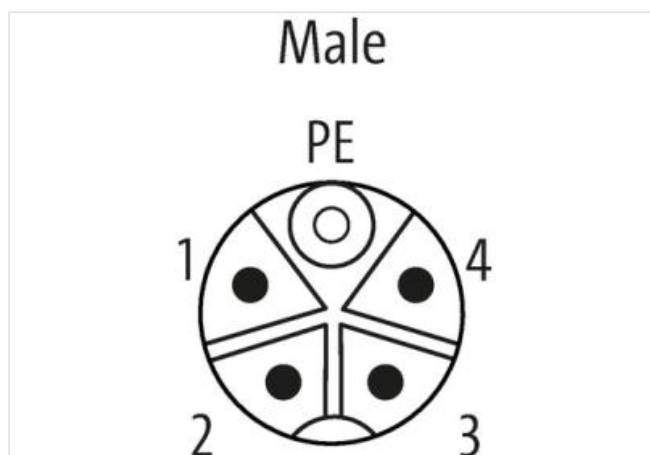
The resistance to aggressive media should be individually tested for your application. Further details on request.

제품 링크

일러스트



실제 제품은 이미지와 다를 수 있습니다.



Side 1

Family construction form

M12P

Coding	K
Material contact	Copper alloy
No. of poles	5

제품자료

ECLASS-6.0	27279221
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-8.0	27440102
ECLASS-9.0	27440116
ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC002635
GTIN	4048879784849
세번부호	85366990
포장단위	1

Electrical data | Supply

Operating voltage AC	600 V
Operating voltage DC	600 V
Current operating per contact max.	12 A

Installation

Connection cross section max.	2,5 mm ²
Cross section connection with wire end ferrule max.	1,5 mm ²
Cross section connection without wire end ferrule max.	2,5 mm ²
AWG number max.	14
Cross section connection with wire end ferrule AWG max.	16 AWG
Cross section connection without wire end ferrule AWG min.	16 AWG
Cross section connection without wire end ferrule AWG max.	14 AWG

Installation | Connection

Connection	Screw terminals SK
Mounting set	M12 x 1

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	II
Overvoltage category (EN 60950-1)	II

Mechanical data | Material data

Coating contact	gold plated
Material housing	PA
Material contact carrier	PA

Mechanical data | Mounting data

Mounting method	Schraubgewinde
Clamping range min.	8 mm
Clamping range max.	13 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
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Operating temperature max. 85 °C

Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.