Product sheet
Automation Technology

binder

Product	**Polzahl: 12, Kabellänge 2 m, Kabel: 12 x 0,34 mm², PVC,Winkelstecker umspritzt**
Area	**M12-A Series 763 FOOD & BEVERAGE**
Article number	**77 3727 0000 20912-0200**

Illustration

Scale drawing

Contact Arrangement

	X	Y		
1	2,80	0,78	1	braun/brown
2	0,78	2,80	2	blau/blue
3	-1,09	2,69	3	weiß/white
4	-2,51	1,46	4	grün/green
5	-2,88	-0,37	5	rosa/pink
6	-2,05	-2,05	6	gelb/yellow
7	-0,37	-2,88	7	schwarz/black
8	1,46	-2,51	8	grau/grey
9	2,69	-1,09	9	rot/red
10	0,78	0,78	10	violett/purple
11	-1,06	0,29	11	grau/rosa/grey/pink
12	0,29	-1,06	12	rot/blau/red/blue

Geschirmte Versionen: Schirm auf Gehäuse
Shielded versions: shield on housing

Technical data

General features

Connector Design	Cable Connector
Connector locking system	bolted
Wire gauge (mm)	0,25 mm²
Wire gauge (AWG)	(24)
Upper temperature	105 °C
Lower temperature	-40 °C

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	32 x 0,1
Cable sheath Ø	6.6
Conductor resistance	75 Ω/Km
Temperature range cable movable °C from	-5
Temperature range cable movable °C to	105
Temperature range cable fixed °C from	-40
Temperature range cable fixed °C to	105
Bending radius cable fixed	min. 5 x D
Bending radius cable movable	min. 10 x D
Approval 1	UL listed
Approval 2	Ecolab
Cable diameter	6.6

Electrical parameters

Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	1,5 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP69K
Mechanical operation	> 100 Mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (gold)
Material of contact body	PP
Material of housing	PP

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