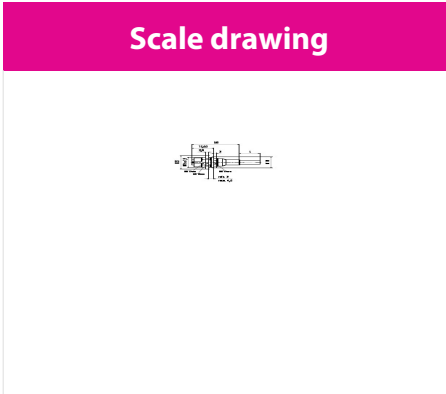# Product sheet
Automation Technology

binder

Product	**Contacts: 8, Female panel mount connector with X-coding, front fastened, with Ethernet cable**
Area	**M12-D, M12-X Series 825/876 X-coding**
Article number	**70 3784 706 08**

Illustration

Scale drawing

Contact Arrangement

	X	Y
1	-1,40	-2,80
2	-2,80	-1,40
3	-2,80	1,40
4	-1,40	2,80
5	1,40	2,80
6	2,80	1,40
7	2,80	-1,40
8	1,40	-2,80

Technical data

General features

Connector Design	female connector (panel mount)
Connector locking system	bolted
Termination	Cable
Upper temperature	85 °C
Lower temperature	-40 °C

Cable data

material housing	PUR green
Single lead structure	7X0,16
Cable sheath Ø	6,2
Temperature range cable movable °C from	-10
Temperature range cable movable °C to	60
Temperature range cable fixed °C from	-40
Temperature range cable fixed °C to	85
Bending radius cable fixed	>= 25mm
Bending radius cable movable	>= 50mm
Approval 1	UL

Electrical parameters

Rated voltage	50V AC, 60V DC V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	0,5 A
Volume resistivity	≤ 10 mΩ
EMV compliance	shielded
Degree of protection	IP67
Mechanical operation	> 50 Mating cycles

Material

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