# **Product sheet** Automation technology - Speciality connectors



Product

Contacts: 8, Contacts: 8, Female panel mount connector with X-coding, screwed from front, dip-solder

Area Article number M12-D, M12-X Series 825/876 X-coding 09 3782 91 08

Illustration

## **Conductor layout**

Ø 1,9

Ø 1,2

Ø 1.4

Ansicht Bestückungsseite

View of mating side Thickness of PCB: 1,55 mm All holes fully contacted

Leiterplattendicke: 1,55 mm Alle Bohrungen durchkontaktiert

10

5,6

2,8

0

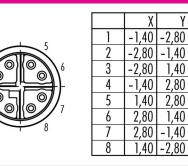
034560

2,8

0



#### **Contact Arrangement**



# Technical data

#### **Common values**

Connector Design Connector locking system Termination Upper temperature Lower temperature

## **Cable data**

material housing Insulation single lead Single lead structure Conductor resistance Bending radius cable fixed Bending radius cable movable Cable plug connector screw dip-solder 85 °C -40 °C

### **Electrical values**

Rated voltage Pollution degree Overvoltage category Material group Rated current (40°C) Volume resistivity Degree of protection Mechanical operation

### Material

Material of contact Contact plating Material of contact body Material of housing 50 V AC / 60 V DC 3 II III 0.5 A ≤ 10 mΩ IP67 > 100 mating cycles

CuSn (Bronze) Au (Gold) PA Nickel-plated zinc die casting

