Product data sheet

Automation technology - data transmission and power supply
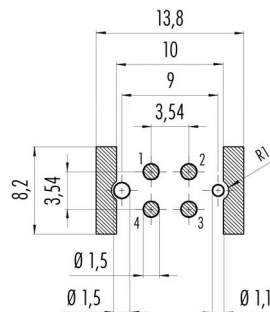
![binder logo]

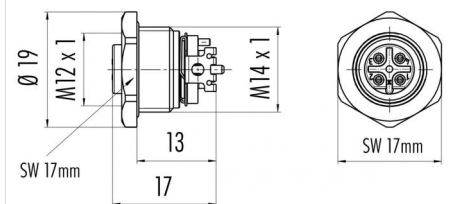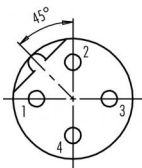|	
Product description	**M12-B integrated socket, Contacts: 4, shieldable, reflow soldering, IP67**
Area	**M12-B series 766**
Order number	**99 4432 402 04**

Illustration

Conductor layout

Scale drawing

Contact arrangement (Plug-in side)

	X	Y
1	-2,50	0,00
2	0,00	2,50
3	2,50	0,00
4	0,00	-2,50

1 brown
2 white
3 blue
4 black

Technical data

General values

Connector design	integrated socket
Connector locking system	screw
Termination	reflow soldering
Upper limit temperature	85 °C
Lower limit temperature	– 40 °C
Customs tariff number	85369010
Installation height	13
Packaging Unit	1

Electrical values

Rated current (40 °C)	4 A
Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
Insulation resistance	$> 10^8 \, \Omega$
EMC compliance	shieldable
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	LCP
Housing material	CuZn (Brass nickel plated)
REACH SVHC	CAS 7439-92-1 (Lead)

Automation technology - data transmission and power supply

Product description	**M12-B integrated socket, Contacts: 4, shieldable, reflow soldering, IP67**
Area	**M12-B series 766**
Order number	**99 4432 402 04**

Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).