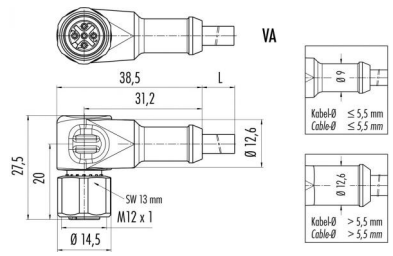
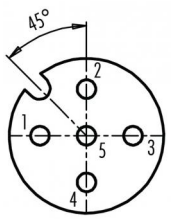
Product	Female angled connector moulded, Stainless steel ring nut	Pole	5
Area	M12 connectors A-Coding serie 763	Article number	79 3444 52 05

illustration

scale drawing



Contact Arrangement



1 braun/*brown*
2 weiß/*white*
3 blau/*blue*
4 schwarz/*black*
5 grau/*grey*

Technical data

Common values

Connector Design	Female angled cable connector
Connector locking system	Screw
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,25 mm²
Wire gauge (AWG)	24
Upper temperature	+85 °C
Lower temperature	-25 °C

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 68
Mechanical operation	>100 mating cycles

Material

Material of contact	CuSn (bronce)
Contact plating	Au (gold)
Material of contact body	PUR
Material of housing	PUR

Cable data

material housing	PUR
insulation single lead	PVC
single lead structure	32 x 0,1
cable sheath Ø	5
conductor resistance	55Ω/Km
temperature range cable movable c from	-5
temperature range cable movable c to	70
temperature range cable fixed c from	-25
temperature range cable fixed c to	70
bending radius cable fixed	25 mm
bending radius cable movable	50 mm

Contacts 5: Cable lenght 2 m, cable 5 x 0,25 PUR, female angled connector moulded, stainless steel ring nut