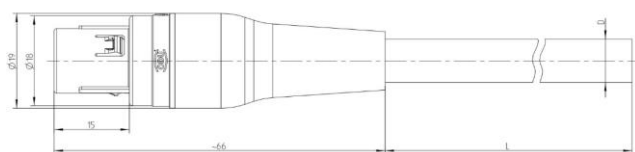


TECHNICAL DATA

ODU MEDI-SNAP®

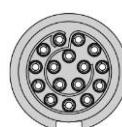
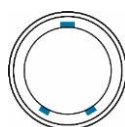
PART NUMBER	C00.520.100.160. _ _ _ _
Type of connector	Break-Away Plug (A52MC7-016MFG0-0000) incl. cable assembly
Orientation	Straight
Number of contacts	16
Termination of contact	Solder contact
Contact type	Pin
Contact diameter	0,7
Wire cross section [AWG]	22
Mechanical coding	Coding C 60°

DIMENSIONS



Coding: 60°

Positions: 16



TECHNICAL INFORMATION

ENVIRONMENTAL

Degree of protection	IP64 ¹ / IP67 ² in mated condition
Operating temperature range ³	-5°C to +70°C
Mating cycles	2000

MATERIAL DESIGNATION

Housing material	PSU
Color of housing	Grey
Contact material	Brass
Plating material	Au

ELECTRICAL

Current rating nominal	3.25 A	Acc. to VDE 0298-4:2013 at 40°C ambient temperature
Current rating single wire	6.5 A	Acc. to VDE 0891-1:1990 at 40° C ambient temperature
Voltage rating	32 V AC	Acc. to IEC 60664-1:2011
Test voltage	550 V	Acc. to IEC 60664-1:2011
Pollution degree	2	Acc. to IEC 60664-1:2011
Voltage rating	530 V	Acc. to SAE AS 13441:2004 method 3001.1
Test voltage	1600 V	Acc. to SAE AS 13441:2004 method 3001.1

CHOOSE MATING RECEPTACLE / IN-LINE RECEPTACLE INCL. CABLE ASSEMBLY

G12MC7-P16LFG0-0001
 G52MC7-P16LFG0-0071
 G42MC7-P16LFG0-0071
 C00.520.150.160.001

¹ With proper ODU MEDI-SNAP Receptacle style 4 (G42MC7-P16LFG0-0071)

² With proper ODU MEDI-SNAP In-Line receptacle (C00.520.150.160.001)

³ Occasional movement

TECHNICAL DATA

ODU MEDI-SNAP[®]

ORDER INFORMATION: Plug including cable assembly

Plug including cable and cable assembly, cable end cut
Assembled with PVC cable, grey

Number of contacts	Color plug and overmolding	Cable length [L] PVC-cable			Cable diameter [D] [mm]	Conductor cross-section	
		0,25m	0,75m	2,00m		[mm ²]	[AWG]
16	Grey	C00.520.100.160.001	C00.520.100.160.002	C00.520.100.160.003	7,9	0,34	22
16	White	C00.520.100.160.004	C00.520.100.160.005	C00.520.100.160.006	7,9	0,34	22

Plug including cable and cable assembly, cable end cut
Assembled with PUR cable, black

Number of contacts	Color plug and overmolding	Cable length [L] PUR-cable			Cable diameter [D] [mm]	Conductor cross-section	
		0,25m	0,75m	2,00m		[mm ²]	[AWG]
16	Black	C00.520.100.160.007	C00.520.100.160.008	C00.520.100.160.009	7,9	0,34	22