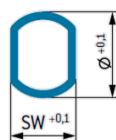
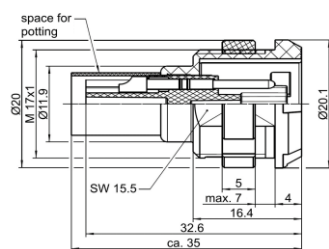


## TECHNICAL DATA

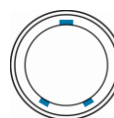
### ODU MEDI-SNAP®

<b>PART NUMBER</b>	G12MC7-T05LPQ9-0001
Type of connector	Receptacle for front panel installation
Orientation	Straight
Number of contacts	5 (2x HV / 2x signal / 1x GND) <sup>1</sup>
Contact type	4x sockets / 1x pin
Termination of contact	Solder contacts
Mechanical coding	60°

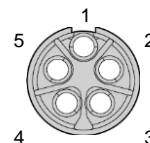
### DIMENSIONS



Coding: 60°



Positions: 5



SW: 15,6 mm  
Ø : 17,1 mm

### TECHNICAL INFORMATION

#### ENVIRONMENTAL

Degree of protection	IP50 in mated condition <sup>2</sup>
Operating temperature range	-50°C to +120°C
Mating cycles	5000
Durability	Sterilizable

#### MATERIAL DESIGNATION

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

### CHOOSE MATING PLUG

S12MC7-T05MPQL-\_\_\_0

These ODU connectors are in relation to DIN EN 61984:2009 connectors without switching capacity (COC)

<sup>1</sup> HV: High Voltage

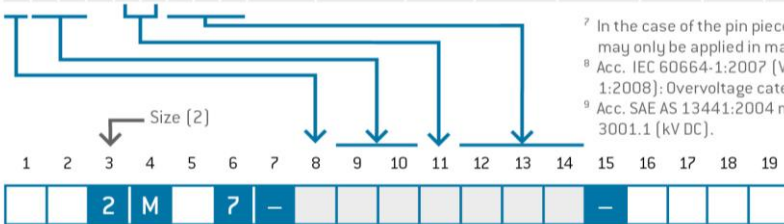
<sup>2</sup> IP50: With proper ODU MEDI-SNAP Push-Pull Plug S12MC7-T05MPQL-\_\_\_0

# TECHNICAL DATA

## ODU MEDI-SNAP®

**PART NUMBER** G12MC7-T05LPQ9-0001

Insulator material <sup>14</sup>	Number of contacts	Termination		Part number key	Contact diameter mm	Single contact nominal current A	Nominal current insert A	Clearance and creepage distance contact to contact		Contact-to-contact voltage				Termination diameter		Termination cross-section		View on termination area			
		Socket	Pin					mated mm	unmated mm	Nominal voltage V AC <sup>7,8</sup>	Nominal voltage V DC <sup>9</sup>	Test voltage mated kV	Test voltage unmated kV	mm	AWG	mm <sup>10</sup>	Pin piece	Socket piece			
T	0	5	Solder	L	P	Q	9	1 × 1.3 (first mate last break) 2 × 1.3 (lagging) 2 × 1.3	16	12	9.9	3.2	600 <sup>12,13</sup>	tbd	7, 4 <sup>9,12,13</sup>	5 <sup>8,12,13</sup>	1.9	14	1.5		
				M	P	Q	L				13.6	3.2	1,000 <sup>12,13</sup>	tbd	tbd <sup>9</sup>	tbd <sup>9</sup>					



<sup>7</sup> In the case of the pin piece, voltage may only be applied in mated condition.

<sup>8</sup> Acc. IEC 60664-1:2007 (VDE 0110-1:2008); Overvoltage category III.

<sup>9</sup> Acc. SAE AS 13441:2004 method 3001.1 (kV DC).

<sup>10</sup> The socket is installed in the plug; the pin is installed in the receptacle.

<sup>11</sup> IEC 60664-1:2007 (VDE 0110-1:2008); pollution degree 2.

<sup>12</sup> Voltage may only be applied to fully assembled and potted connectors in mated condition.

<sup>13</sup> Acc. IEC 60664-1:2007 (VDE 0110-1:2008); pollution degree 3.

<sup>14</sup> P: PEEK / T: PBT