

Product sheet Miniature connectors

Product	Male cable connector, cable out		Pole		12
Area	M16 connectors IP 40	serie 680	Artic	le number	09 0329 00 12
illustration		scale drawing		Item description	
			66	Abdeckun	q Hülse mit Gewinden
		0 17,2 0 13,6	66	5	Scholla Kakalita
		17,2 17,2 17,2 13,6		by	Sci nine Adoettuse
				Steckereinsatz	RED O
				anelle	Linsensenksch
				Zylinders	trager thraube
Contact Arrangem	ent				
		V			
	A 0.41-3	Υ 3 Δ ^μ			
		3,61			
	C -4,10-1	1,21			
		,34			
	H E -2,71 3	,59			
	•	15			
• •L	——————————————————————————————————————	,45			
	•J F -0,41 3 G 2,29 3	9, 45 9,61 1,21			
	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1	,45 9,61 , <u>21</u> ,34			
	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3	9,45 9,61 1,21 1,34 9,55			
	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1	,45 8,61 ,21 1,34 8,55 1,51			
	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1	9,45 9,61 1,21 1,34 9,55			
Technical data	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1	,45 8,61 ,21 1,34 8,55 1,51			
	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1	,45 9,61 1,34 9,55 1,51	Aaterial		
Common values	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1 M 2,00 1	,45 9,61 1,34 9,55 1,51 1,51			-70 (brave)
Common values Connector Design	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1 M 2,00 1	,45 9,61 1,21 1,34 9,55 1,51 1,51 1,51 1,51	Naterial of contact		uZn (brass)
Common values Connector Design Connector locking	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1 M 2,00 1	3,45 3,61 3,21 3,34 3,55 1,51 1,51 ,51	Material of contact Contact plating	A	u (gold)
Common values Connector Design Connector locking Fermination	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K K 2,71-3 L -2,00-1 M 2,00 1 M 2,00 1 Screw-solder Screw-solder	3,45 3,61 3,21 3,34 3,55 1,51 1,51 ,51 .51 .51	Naterial of contact Contact plating Naterial of contact body	A PE	u (gold) BT (UL 94 V-0)
Common values Connector Desigu Connector lockin Fermination Wire gauge (mm	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 3 L -2,00 1 M 2,00 1 M 2,00 1 Screw-solder Screw-solder a) 0,25 m	3,45 3,61 3,21 3,34 3,55 1,51 1,51 ,51 .51 .51	Material of contact Contact plating	A PE	u (gold)
Technical data Connector Design Connector Iockins Termination Wire gauge (MW Wire gauge (AW Max. Cable outle	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K K 2,71-3 L L -2,00-1 M M 2,00 1 Screw-solder Screw-solder N 0,25 n (G) 24	,45 ,61 ,21 ,34 ,35 ,55 <td>Material of contact Contact plating Material of contact body Material of housing</td> <td>A PE</td> <td>u (gold) BT (UL 94 V-0)</td>	Material of contact Contact plating Material of contact body Material of housing	A PE	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin Termination Wire gauge (mm Wire gauge (AW	n Male a g system Screw- solder M 2,00 1	x,45 3,61 ,21 ,34 3,55 1,51 ,51 Acking nm ² N nm ² N	Naterial of contact Contact plating Naterial of contact body	A PE	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatu	n Male a g system Screw- vG) 24 et 3-6 m rre +85 °	x,45 3,61 1,34 3,55 1,51 ,51 Acking nm ² nm C C C	Material of contact Contact plating Material of contact body Material of housing	A PE	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle	n Male a g system Screw- vG) 24 et 3-6 m rre +85 °	,45 3,61 ,21 ,34 3,55 1,51 	Material of contact Contact plating Material of contact body Material of housing	A Pe P <i>i</i>	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatu	n Male a g system Screw- vG) 24 et 3-6 m rre +85 °	x,45 3,61 ,21 ,34 3,55 1,51 ,51 Acking nm ² nm C C C	Material of contact Contact plating Material of contact body Material of housing	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatu Lower temperatu	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 3 L -2,00 1 M 2,00 24 et 3 - 6 m ret -40 ° C <td>x,45 3,61 ,21 ,34 3,55 1,51 ,51 Acking nm² nm C C C</td> <td>Material of contact Contact plating Material of contact body Material of housing Cable data</td> <td>A Pf P/</td> <td>u (gold) BT (UL 94 V-0)</td>	x,45 3,61 ,21 ,34 3,55 1,51 ,51 Acking nm ² nm C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (MW War, Cable outle Upper temperatu Lower temperatur Electrical values Rated voltage	n Male a g system Screw- NG) 24 et 3-6 rr rre +85 ° re -0,4 3 G 2,29 3 H 4,10 1 J 3,20-1 K 2,71-3 L -2,00-1 M 2,00 1	x45 3,61 ,21 ,34 3,55 1,51 ,51 xable connector N locking C nm ² N nm C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatu Lower temperatu Lower temperatu Electrical values Rated voltage Rated impulse vo	F -0,41 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 3 L -2,00 1 M 2,00 1 VG) 24 3 et 3 - 6 m re -40 ° C what 500 V	x45 3,61 ,21 ,34 3,55 1,51 ,51 xable connector N locking C nm ² N nm C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatu Lower temperatu Lower temperatu Electrical values Rated voltage Rated impulse vo Pollution degree	F -0,41 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 3 L -2,00 1 K 2,71 3 L -2,00 1 M 2,00 1	x45 3,61 ,21 ,34 3,55 1,51 ,51 xable connector N locking C nm ² N nm C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Design Connector locking Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Joper temperatur cover temperatur cover temperatur Electrical values Rated voltage Rated voltage Rated impulse vo Pollution degree Overvoltage cate	F -0,41 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 3 L -2,00 1 K 2,71 3 L -2,00 1 M 2,00 1	x45 3,61 ,21 ,34 3,55 1,51 ,51 xable connector N locking C nm ² N nm C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Design Connector locking Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatur Lower temperatur Lower temperatur Electrical values Rated voltage Rated impulse vo Pollution degree Overvoltage cate Material group	F -0,4 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 3 L -2,00 1 K 2,71 3 L -2,00 1 M 2,00 1 M 2,00 1 M 2,00 1 M 2,00 1 VG) 24 24 et 3 - 6 m rre -40 ° C oldage 500 V oldage 500 V oldage 1 egory 1 III III	x45 3,61 ,21 ,34 3,55 1,51 ,51 xable connector N locking C nm ² N nm C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Design Connector locking Termination Wire gauge (MM Wire gauge (AW Max. Cable outle Upper temperatu Lower temperatur Lower temperatur Electrical values Rated voltage Rated impulse vo Pollution degree Overvoltage cate Material group Rated current (40	F -0,41 3 G 2,29 3 H 4,10 1 J 3,20 1 K 2,71 -3 L -2,00 -1 K 2,71 -3 L -2,00 -1 M 2,00 1 M 2,00 1 M 2,00 1 M 2,00 1 N 0,25 n	A45 3,61 ,21 ,34 3,55 1,51 ,51 Automatic and a second seco	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (MW Max. Cable outle Upper temperatu Lower temperatu Lower temperatu Electrical values Rated voltage Rated impulse vo Pollution degree Overvoltage cate Material group Rated current (40 Volume resistivity	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	a,45 3,61 ,21 ,34 3,55 1,51 ,51 Anna C C C C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)
Common values Connector Desig Connector lockin; Termination Wire gauge (mm Wire gauge (AW Max. Cable outle Upper temperatu Lower temperatu	F $-0,41$ 3 G $2,29$ 3 H $4,10$ 1 J $3,20$ 1 K $2,71$ -3 L $-2,00$ 1 K $2,71$ -3 L $-2,00$ 1 M $2,00$ 1 M $3,00$ 1 M $3,00$ 1 M $3,00$ 1	a,45 3,61 ,21 ,34 3,55 1,51 ,51 Anna C C C C C C C C C C C C C	Material of contact Contact plating Material of contact body Material of housing Cable data	A Pf P/	u (gold) BT (UL 94 V-0)