

RECTANGULAR CONNECTORS

Cable socket, self-assembly



Product description	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	
Description	GDM 2014 schwarz/black	GDM 3016 schwarz/black	GDM 3009 schwarz/black	GDM 3009 schwarz/black	GDM 3011 schwarz/black	GDM 3011 schwarz/black	
Type							
Order No.	932 107-100	934 395-100	931 969-100	932 214-100	931 952-100	932 109-100	
Other standard types		grey housing, Order no. 934 395-106	grey housing, Order no. 931 969-106		grey housing, Order no. 931 952-106	grey housing, Order no. 932 109-106	
Number of contacts	2 + PE	3 + PE	3 + PE	3 + PE	3 + PE	3 + PE	
Cable gland	ISO 228 - G 1/2 (R 1/2")	M 16	PG 9	PG 9	PG 11	PG 11	
Conductor size	max. 1,5 mm ²	max. 1,5 mm ²	max. 1,5 mm ²	max. 1,5 mm ²	max. 1,5 mm ²	max. 1,5 mm ²	
Standard	DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A	
Housing Color	black	black	black	black	black	black	
Construction type	A	A	A	A	A	A	
Drawing							
Technical data							
Pin dimensions	6,3 mm x 0,8 mm, 4,8 mm x 0,8 mm	6,3 mm x 0,8 mm, 4,8 mm x 0,8 mm	6,3 mm x 0,8 mm, 4,8 mm x 0,8 mm	6,3 mm x 0,8 mm, 4,8 mm x 0,8 mm	6,3 mm x 0,8 mm, 4,8 mm x 0,8 mm	6,3 mm x 0,8 mm, 4,8 mm x 0,8 mm	
Rated voltage	UC 250 V	UC 250 V	UC 250 V	UC 250 V	UC 250 V	UC 250 V	
Rated current	16 A	16 A	16 A	16 A	16 A	16 A	
Contact resistance	≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm	
Type of termination	screw / cable shoe / cable eye	screw	screw	screw / cable shoe / cable eye	screw / cable shoe / cable eye	screw / cable shoe / cable eye	
Suitable cables	4 mm to 13 mm diameter	4,5 mm to 10 mm diameter	4,5 mm to 7 mm diameter	4,5 mm to 7 mm diameter	6 mm to 9 mm diameter	4,5 mm to 11 mm diameter	
Mounting	central nut	central nut	central nut	central nut	central nut	central nut	
Material							
Contact surface material	Sn	Sn	Sn	Sn	Sn	Sn	
Contact bearing material	PA	PA	PA	PA	PA	PA	
Housing material	PA	PA	PA	PA	PA	PA	
Environmental conditions							
Protection class (IEC 60529)	IP 65 (gasket necessary)	IP 65 (gasket necessary)	IP 65 (gasket necessary)	IP 65 (gasket necessary)	IP 65 (gasket necessary)	IP 65 (gasket necessary)	
Pollution severity	3	3	3	3	3	3	
Temperature range	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	
Inflammability class							
Housing	94 HB	94 HB	94 HB	94 HB	94 HB	94 HB	
Contact bearing	94 VD	94 HB	94 HB	94 VD	94 HB	94 VD	
Approvals							
UR	UR	VDE	VDE	UR	VDE	UR	
VDE	VDE	VDE	VDE	VDE	VDE	VDE	
SEV	SEV	SEV	SEV	SEV	SEV	SEV	
CSA	CSA		CSA	CSA	CSA	CSA	
GL	GL						
Packaging unit	200 pieces	200 pieces	200 pieces	200 pieces	200 pieces	200 pieces	
Scope of delivery and accessories							
Accessories to order separately	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001