



RECTANGULAR CONNECTORS

Cable socket, self-assembly



TYPE A EN 175301-803 (DIN 43650) / ISO 4400

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	cable socket with central screw M 3 x 35	
Description	GDM 2016 schwarz/black	GDM 2009 schwarz/black	GDM 2009 schwarz/black	GDM 2011 schwarz/black	GDM 2011 schwarz/black	GDM 2012 schwarz/black	GDM 2012 schwarz/black	
Type	GDM 2016 schwarz/black	GDM 2009 schwarz/black	GDM 2009 schwarz/black	GDM 2011 schwarz/black	GDM 2011 schwarz/black	GDM 2012 schwarz/black	GDM 2012 schwarz/black	
Order No.	934 993-100	931 965-100	931 236-100	931 957-100	932 106-100	934 441-100	934 441-100	
Other standard types	grey housing, Order no. 934 993-106	grey housing, Order no. 931 965-106	grey housing, Order no. 931 236-106	grey housing, Order no. 931 957-106	grey housing, Order no. 932 106-106			
Number of contacts	2 + PE	2 + PE	2 + PE	2 + PE	2 + PE	2 + PE	2 + PE	
Cable gland	M 16	PG 9	PG 9	PG 11	PG 11	1/2" NPTF	1/2" NPTF	
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	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	DIN EN 175 301-803-A	
Housing Color	black	black	black	black	black	black	black	
Construction type	A	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	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	UC 250 V	
Rated current	16 A	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	≤ 4 mOhm	
Type of termination	screw	screw	screw / cable shoe / cable eye	screw	screw / cable shoe / cable eye	screw / cable shoe / cable eye	screw / cable shoe / cable eye	
Suitable cables	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	6 mm to 9 mm diameter	4 mm to 11 mm diameter	4 mm to 11 mm diameter	
Mounting	central nut	central nut	central nut	central nut	central nut	central nut	central nut	
Material								
Contact surface material	Sn	Sn	Sn	Sn	Sn	Sn	Sn	
Contact bearer material	PA	PA	PA	PA	PA	PA	PA	
Housing material	PA	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)	IP 65 (gasket necessary)	
Pollution severity	3	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	-40 °C to +125 °C	
Inflammability class								
Housing	94 HB	94 HB	94 HB	94 HB	94 HB	94 VB	94 VB	
Contact bearer	94 HB	94 HB	94 VO	94 HB	94 VO	94 VO	94 VO	
Approvals								
UR								
VDE	VDE	VDE	VDE	VDE	VDE	VDE	VDE	
SEV	SEV	SEV	SEV	SEV	SEV	SEV	SEV	
CSA		CSA	CSA	CSA	CSA	CSA	CSA	
CE								
Packaging unit	200 pieces	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	(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