



MAMO ENGINEERING



Cable Glands / Halogen Free / Metric

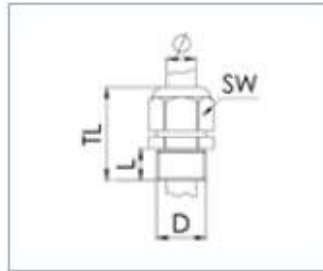
SPRINT cable glands, ESKV, metric, EN 62444



ESKV



ESKV-L



Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C
Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM

ESKV

Type#	WISKA-No. RAL 7035 LG	WISKA-No. RAL 7001 SG	WISKA-No. RAL 9005 BK					TL (mm)	
ESKV 12	10066410	10066380	10066120	M 12x1.5	9	3 - 7	16	29 - 34	50
ESKV 16	10066411	10066381	10066121	M 16x1.5	9	4,5 - 10	20	31 - 37	50
ESKV 20	10066412	10066382	10066122	M 20x1.5	10	6 - 13	24	36 - 45	50
ESKV 20 PLUS	10061789	10061865	10061864	M 20x1.5	10	7,5 - 14	24	36 - 45	50
ESKV 25	10066413	10066383	10066123	M 25x1.5	10	9 - 17	29	38 - 47	50
ESKV 32	10066414	10066384	10066124	M 32x1.5	12	13 - 21	36	42 - 51	25
ESKV 40	10066415	10066385	10066125	M 40x1.5	12	16 - 28	46	52 - 65	10
ESKV 50	10066416	10066386	10066126	M 50x1.5	14	21 - 35	55	59 - 72	4
ESKV 63	10066417	10066387	10066127	M 63x1.5	15	34 - 48	68	64 - 78	3

ESKV-L, long

Type#	WISKA-No. RAL 7035 LG	WISKA-No. RAL 7001 SG	WISKA-No. RAL 9005 BK					TL (mm)	
ESKV-L 12	10066390	10066516	10066500	M 12x1.5	15	3 - 7	16	35 - 40	50
ESKV-L 16	10066391	10066517	10066501	M 16x1.5	15	4,5 - 10	20	37 - 43	50
ESKV-L 20	10066392	10066518	10066502	M 20x1.5	15	6 - 13	24	41 - 50	50
ESKV-L 25	10066393	10066519	10066503	M 25x1.5	15	9 - 17	29	43 - 52	50
ESKV-L 32	10066394	10066520	10066504	M 32x1.5	15	13 - 21	36	45 - 54	25
ESKV-L 40	10066395	10066521	10066505	M 40x1.5	18	16 - 28	46	58 - 71	10
ESKV-L 50	10066396	10066522	10066506	M 50x1.5	18	21 - 35	55	63 - 76	10
ESKV-L 63	10066397	10066523	10066507	M 63x1.5	18	34 - 48	68	67 - 81	10

Recommended accessories



EMUG



RDE



EADR

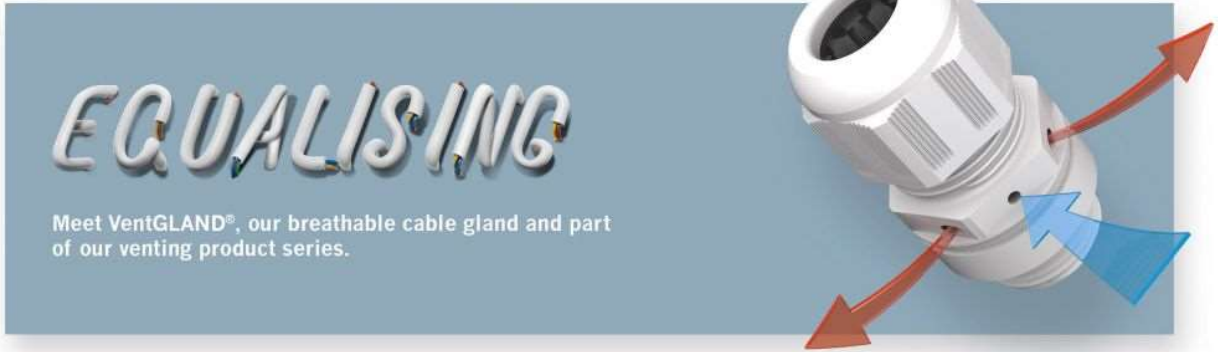


BS

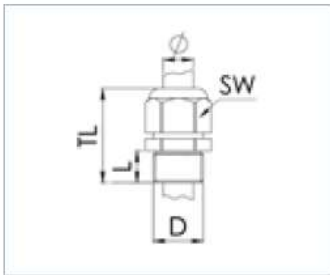


MFD

Cable Glands / Halogen Free / Metric



VentGLAND® cable glands **SPRINT**, ESGV, polyamide, metric, EN 62444



Pressure equalization by Venting

Protection against condensation in electrical enclosures

ESVG



Protection class IP68 / IP69
Glow wire test 750 °C
Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM, Membrane ePTFE

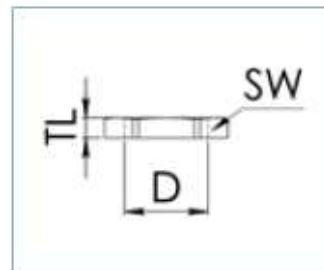
Type	WISKA-No. RAL 7035 LG	WISKA-No. RAL 9005 BK	D (mm)	L (mm)	Ø (mm)	SW (mm)	TL (mm)	I/h	
ESVG 16	10104412	10104413	M 16x1,5	9	4,5 - 10	20	37 - 43	52	1
ESVG 20	10060974	10060802	M 20x1,5	10	6 - 13	24	41 - 50	42	1
ESVG 25	10100666	10100667	M 25x1,5	10	9 - 17	29	45 - 54	65	1
ESVG 32	10100801	10100802	M 32x1,5	12	13 - 21	36	49 - 58	115	1
ESVG 40	10102471	10102472	M 40x1,5	12	16 - 28	46	52 - 65	150	1

Air flow rate for the VentGLAND® at a reference value of 70 mbar pressure difference							
Tread sizes	M 16	M 20	M 25	M 32	M 40	M 50	M 63
Air flow rate	52 l/h	42 l/h	65 l/h	115 l/h	150 l/h	225 l/h	285 l/h



Cable Glands / Halogen Free / Metric

SPRINT Locknuts



EMUG



Temperature range -40 °C - 100 °C
 Material Polyamide, fibre reinforced

EMUG, metric

Type	WISKA-No. RAL 7035 LG	WISKA-No. RAL 7001 SG	WISKA-No. RAL 9005 BK			TL (mm)	
EMUG 12	10060770	10062712	10061780	M 12x1,5	18	5	100
EMUG 16	10060771	10062713	10061781	M 16x1,5	22	5	100
EMUG 20	10060772	10062714	10061782	M 20x1,5	27	5	100
EMUG 25	10060773	10062715	10061783	M 25x1,5	32	6	100
EMUG 32	10060774	10062716	10061784	M 32x1,5	40	6	100
EMUG 40	10060775	10062717	10061785	M 40x1,5	50	7	50
EMUG 50	10060776	10062718	10061786	M 50x1,5	60	7	25
EMUG 63	10060777	10062719	10061787	M 63x1,5	75	7	10

Cable Glands / Halogen Free / Metric

SPRINT Connection thread gaskets





EADR / ADR



Material EPDM

EADR, SPRINT, metric, -40°C - 140°C

Type	WISKA-No. RAL 9005 BK		TL [mm]	
EADR 12	10062801	M 12x1,5	2	100
EADR 16	10062802	M 16x1,5	2	100
EADR 20	10062803	M 20x1,5	2	100
EADR 25	10062804	M 25x1,5	2	100
EADR 32	10062805	M 32x1,5	2	100
EADR 40	10062806	M 40x1,5	2	100
EADR 50	10062807	M 50x1,5	2	100
EADR 63	10062808	M 63x1,5	2	100

Cable Glands / Halogen Free / Metric

SPRINT blind sealing inserts, VFD



VFD



Protection class: IP 66
Temperature range: -40 °C · 100 °C
Material: Thermoplastic elastomer

Type	WISKA-No. RAL 9005		
VFD 12	10064462	SPRINT 12	25
VFD 16	10064463	SPRINT 16	25
VFD 20	10064464	SPRINT 20	25
VFD 25	10064465	SPRINT 25	25
VFD 32	10064466	SPRINT 32	25
VFD 40	10064467	SPRINT 40	25
VFD 50	10064468	SPRINT 50	25
VFD 63	10064469	SPRINT 63	25

Cable Glands / Halogen Free / Metric

SPRINT reduction sealing inserts, RDE






RDE



Protection class IP68
Temperature range -40 °C - 100 °C
Colour Black
Material EPDM



Type	WISKA-No. RAL 9005 BK	 (mm)		
RDE 12	10062183	1 - 3	SPRINT 12	50
RDE 16	10062184	2 - 6	SPRINT 16	50
RDE 20	10062185	4 - 8	SPRINT 20	50
RDE 25	10060768	7 - 12	SPRINT 25	25
RDE 32	10062186	9 - 14	SPRINT 32	25
RDE 40	10062187	12 - 20	SPRINT 40	10
RDE 50	10062188	16 - 25	SPRINT 50	10
RDE 63	10062189	28 - 38	SPRINT 63	10

Cable Glands / Halogen Free / Metric

SPRINT multiple sealing inserts, MFD



MFD



Protection class IP66 / IP68
Temperature range -40 °C - 100 °C
Material Thermoplastic elastomer
Remark IP68: Ø cable diameter min. = Ø cable diameter max. - 10%, but not bigger than 1 mm under the Ø cable diameter max.

Type	WISKA-Num. RAL 9005 BK				
MFD 12/01/015	10102489	1 - 1,5	1	SPRINT 12	25
MFD 12/02/020	10100525	1 - 2	2	SPRINT 12	25
MFD 12/04/020	10064392	1,5 - 2	4	SPRINT 12	25
MFD 16/02/040	10064393	2 - 4	2	SPRINT 16	25
MFD 16/03/021	10101014	1 - 2,1	3	SPRINT 16	25
MFD 20/01/090	10102841	8 - 9	1	SPRINT 20	25
MFD 20/02/050	10101015	4 - 5	2	SPRINT 20	25
MFD 20/02/060	10064395	4 - 6	2	SPRINT 20	25
MFD 20/02/065	10060953	5 - 6,5	2	SPRINT 20	25
MFD 20/03/040	10064341	2,5 - 4	3	SPRINT 20	25
MFD 20/03/045	10102306	2,5 - 4,5	3	SPRINT 20	25
MFD 20/04/030	10102722	2 - 3	4	SPRINT 20	25
MFD 20/05/030	10102853	2 - 3	5	SPRINT 20	25
MFD 25/01/065	10060954	4 - 6,5	1	SPRINT 25	25
MFD 25/01/090	10101016	7 - 9	1	SPRINT 25	25
MFD 25/01/105-01/055	10101255	5 - 10,5	2	SPRINT 25	25
MFD 25/02/030	10102655	2 - 3	2	SPRINT 25	25
MFD 25/02/060	10060452	4 - 6	2	SPRINT 25	25
MFD 25/02/070	10063995	5 - 7	2	SPRINT 25	25
MFD 25/02/070-01/040	10102979	3 - 7	3	SPRINT 25	25
MFD 25/02/080	10060952	6 - 8	2	SPRINT 25	25
MFD 25/03/045	10103325	3,5 - 4,5	3	SPRINT 25	25
MFD 25/03/070	10064342	5 - 7	3	SPRINT 25	25
MFD 25/04/060	10064343	4 - 6	4	SPRINT 25	25
MFD 25/05/056	10102023	4,5 - 5,6	5	SPRINT 25	25
MFD 32/01/060-02/090	10103653	5 - 9	3	SPRINT 32	25
MFD 32/01/115-01/050	10102794	4 - 11,5	2	SPRINT 32	25
MFD 32/01/115-01/085	10101256	8 - 11,5	2	SPRINT 32	25
MFD 32/02/080	10102743	7 - 8	2	SPRINT 32	25
MFD 32/02/085	10102493	7,5 - 8,5	2	SPRINT 32	25
MFD 32/03/065	10102169	4,5 - 6,5	3	SPRINT 32	25
MFD 32/03/080	10101018	6 - 8	3	SPRINT 32	25
MFD 32/03/090	10102170	7 - 9	3	SPRINT 32	25
MFD 32/04/070	10064344	5 - 7	4	SPRINT 32	25
MFD 32/05/070	10101140	5 - 7	5	SPRINT 32	25
MFD 32/04/080	10064950	6 - 8	4	SPRINT 32	25
MFD 32/06/060	10064345	5 - 6	6	SPRINT 32	25
MFD 40/02/070-01/100-02/115	10102765	6 - 11,5	5	SPRINT 40	25
MFD 40/02/120-01/070	10102488	7 - 12	3	SPRINT 40	25
MFD 40/03/125	10102054	11,5 - 12,5	3	SPRINT 40	25
MFD 40/04/100	10101017	8 - 10	4	SPRINT 40	25
MFD 40/06/065	10102171	5,5 - 6,5	6	SPRINT 40	25
MFD 40/06/090	10102172	7,5 - 9	6	SPRINT 40	25
MFD 40/07/070	10064348	5 - 7	7	SPRINT 40	25

Cable Glands / Halogen Free / Metric

SPRINT special sealing inserts



GFD



FFD



SFD



FFD



GFD



Protection class IP66
Temperature range -40 °C - 100 °C
Material Thermoplastic elastomer

FFD, for flat cables

Type	WISKA-No. RAL 9005 BK			
FFD 20/01/510	10064322	1	SPRINT 20	25
FFD 20/01/713	10101192	1	SPRINT 20	25
FFD 25/01/816	10103326	1	SPRINT 25	25

SFD, for ASi-Bus-cables

Type	WISKA-No. RAL 9005 BK			
SFD 20/01/Asi	10064329	1	SPRINT 20	25

GFD, split, for assembled cables

Type	WISKA-No. RAL 9005 BK			
GFD 20/01/015	10064328	1	SPRINT 20	25
GFD 20/01/060	10102297	1	SPRINT 20	25
GFD 25/01/050	10101019	1	SPRINT 25	25
GFD 25/01/060	10066632	1	SPRINT 25	25
GFD 32/01/045-01/085	10101145	2	SPRINT 32	25
GFD 32/01/073	10102359	1	SPRINT 32	25
GFD 50/01/080	10101020	1	SPRINT 50	25
GFD 63/01/090	10101536	1	SPRINT 63	25
GFD 63/02/065-01/090	10101224	3	SPRINT 63	25
GFD 63/03/065	10101200	3	SPRINT 63	25



Cable Glands / Halogen Free / Metric

SPRINT blind plugs, BS



BS



SPRINT





Temperature range -60 °C - 100 °C

Colour Red

Material Polyamide



Type	WISKA-No.		TL (mm)	
BS 2	10064000	2	12	50
BS 3	10064001	3	12	50
BS 4	10064002	4	12	50
BS 5	10064003	5	12	50
BS 6	10064004	6	16	50
BS 7	10064005	7	16	50
BS 8	10064006	8	16	50
BS 9	10064007	9	16	50
BS 10	10064008	10	16	50
BS 12	10064009	12	22	50
BS 13	10064010	13	22	50
BS 14	10064011	14	22	50
BS 17	10064012	17	22	50
BS 20	10064013	20	22	25
BS 21	10064014	21	30	25
BS 25	10064015	25	30	25
BS 28	10064016	28	30	25
BS 35	10064017	35	35	10
BS 38	10064018	38	35	10
BS 48	10064019	48	35	10
BS 63	10064020	63	35	5

Cable Glands / Halogen Free / Metric

SPRINT dust-protection gaskets, ESTS



ESTS




Colour:

Yellow

Material:

Polyethylene

Type	WISKA-No.		
ESTS 12	10062450	SPRINT 12	100
ESTS 16	10062451	SPRINT 16	100
ESTS 20	10062452	SPRINT 20	100
ESTS 25	10062453	SPRINT 25	100
ESTS 32	10062454	SPRINT 32	100
ESTS 40	10062455	SPRINT 40	100
ESTS 50	10062456	SPRINT 50	100
ESTS 63	10062457	SPRINT 63	100

Cable Glands / Halogen Free / Metric

Box spanners for SPRINT cable glands, WSTS



WSTS



Material: Steel galvanized

Type	WISKA-No.		
WSTS 16	10062810	SPRINT 16	1
WSTS 20	10062811	SPRINT 20	1
WSTS 25	10062812	SPRINT 25	1
WSTS 32	10062813	SPRINT 32	1
WSTS 40	10062814	SPRINT 40	1
WSTS 50	10062847	SPRINT 50	1
WSTS 63	10062848	SPRINT 63	1