

Ex d / Ex e



Descriptions

- Cable glands can be manufactured in plastic, brass, nickel plated brass, stainless steel 304 / 316L. All entries (for installation) are produced to be metric thread for Ex e cable glands, either metric thread or NPT tapered thread for Ex d cable glands. Degree of protection is IP66/67.
- Ex e stopping plugs are used for blind unused entries in Ex e boxes.
- Plastic parts with appropriate MD powder have excellent cold flow resistance under long-term pressure.
- Ex d stopping plugs are used for blind unused entries in Ex d boxes which are not easy to drill entries after production. With these Ex d stopping plugs, it will be convenient for future expansion.
- Reducers are used to have smaller size or bigger size for already drilled holes.
- Breather drains are used to keep the pressure same inside or outside the enclosure. They can effectively prevent any moisture within an enclosure or avoid any moisture condensation inside the enclosure.
- Shrouds can be used on cable glands to protect these cable glands for long life.
- IECEx International approval, ATEX European approval.

Zone 1 and zone 2
Zone 21 and zone 22

Main technical data

Certification	Ex mark	Meet the standard GB/T3836
CCC: 2020332313000309	Ex e II C Gb Ex tD A21 IP66	GB12476
IECEX: IECEX CQM13.0030X	Ex e II C Gb Ex tb IIIC Db	IEC60079
ATEX: LCIE 14 ATEX 3041X	Ex II 2GD Ex e II C Gb Ex tb IIIC Db	EN60079

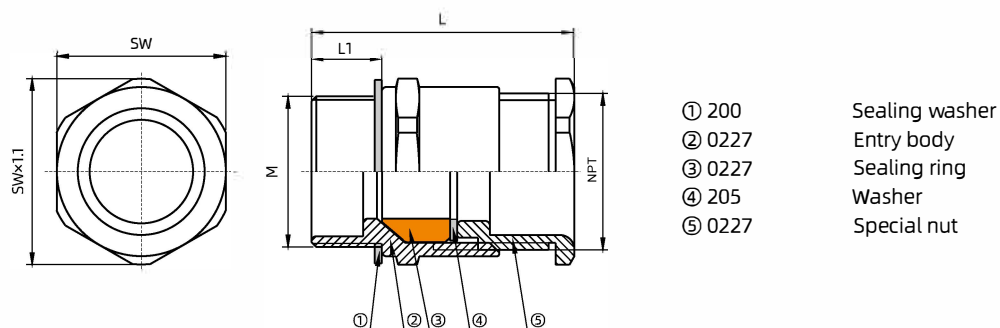
Intended use: Can be used in zone 1 and zone 2
Can be used in zone 21 and zone 22
Ambient temperature: -40°C/-60°C≤Ta≤+100°C
Degree of protection: IP66
Material: Brass / Nickel plated brass
304/316L Stainless steel

B

Order specifications

	Illustration	Code	(M) Entry thread	(mm) Cable diameter Ø8-11	NPT	L	L1	SW	(kg) Weight	Order No.
	L01	M20×1.5			NPT 1/2"	48	15	26	0.091	CZ0227-2015-01 □ □
	L02	M25×1.5		Φ11-15	NPT 3/4"	52	15	32	0.130	CZ0227-2515-02 □ □
	L03	M32×1.5		Φ13-19	NPT 1"	55	15	37	0.190	CZ0227-3215-03 □ □
	L04	M40×1.5		Φ19-27	NPT 1¼"	62	16	48	0.315	CZ0227-4016-04 □ □
	L05	M50×1.5		Φ26-34	NPT ½"	62	16	56	0.462	CZ0227-5016-05 □ □
	L06	M63×1.5		Φ40-46	NPT 2"	70	19	70	0.764	CZ0227-6319-06 □ □
	L07	M75×1.5		Φ53-60	NPT 1½"	78	20	86	0.884	CZ0227-7520-07 □ □
	L08	M80×1.5		Φ57-68	NPT 3"	82	20	95	1.241	CZ0227-8020-08 □ □
	L09	M63×1.5S		Φ35-42	NPT 2"	70	19	75	0.764	CZ0227-6319-09 □ □
	L10	M75×1.5S		Φ46-54	NPT 1½"	78	20	86	0.884	CZ0227-7520-10 □ □
	L11	M20×1.5		Φ8-11	M20×1.5	48	15	26	0.091	CZ0227-7520-11 □ □
	L12	M25×1.5		Φ11-15	M25×1.5	52	15	32	0.130	CZ0227-7520-12 □ □
L13	M32×1.5		Φ13-19	M32×1.5	55	15	37	0.190	CZ0227-7520-13 □ □	
90 91 40 – 304 60 – 316L Brass Nickel plated brass 304 Stainless steel 316L Stainless steel Material										

Outline dimensions



Main technical data

Certification CCC:	Ex mark	Meet the standard
2020012313328861	Ex d II C Gb / Ex e II C Gb / Ex tD A21 IP67	GB/T3836 GB12476
IECEx: IECEx CAS 21.0048U	Ex db II C Gb / Ex eb II C Gb / Ex tb IIIC Db	IEC60079
ATEX: CSACa 21ATEX0006U	II 2GD Ex db II C Gb / Ex eb II C Gb / Ex tb IIIC Db	EN60079

Intended use: Can be used in zone 1 and zone 2, can be used in zone 21 and zone 22

Operating temperature: -60°C to +100°C

Degree of protection: IP66/IP67

Material: Brass / Nickel plated brass

304/316L Stainless steel

B

Order specifications

ISO→ISO

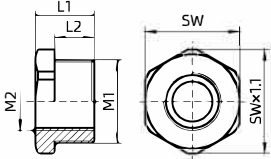
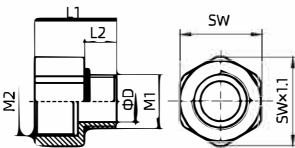
Illustration	Thread M1	Thread M2	L1	L2	SW	Pcs/package	Order No.
 	M16×1.5	M12×1.5	19	15	20	10	CZ1725/4A-M16-M12 □□
	M20×1.5	M12×1.5	19	15	24	10	CZ1725/4A-M20-M12 □□
	M20×1.5	M16×1.5	19	15	24	10	CZ1725/4A-M20-M16 □□
	M25×1.5	M16×1.5	19	15	30	10	CZ1725/4A-M25-M16 □□
	M25×1.5	M20×1.5	19	15	30	10	CZ1725/4A-M25-M20 □□
	M32×1.5	M20×1.5	19.5	15	37	10	CZ1725/4A-M32-M20 □□
	M32×1.5	M25×1.5	19.5	15	37	10	CZ1725/4A-M32-M25 □□
	M40×1.5	M25×1.5	20	15	44	5	CZ1725/4A-M40-M25 □□
	M40×1.5	M32×1.5	20	15	44	5	CZ1725/4A-M40-M32 □□
	M50×1.5	M32×1.5	22	16	56	5	CZ1725/4A-M50-M32 □□
	M50×1.5	M40×1.5	22	16	56	5	CZ1725/4A-M50-M40 □□
	M63×1.5	M40×1.5	23.5	17	70	5	CZ1725/4A-M63-M40 □□
	M63×1.5	M50×1.5	23.5	17	70	5	CZ1725/4A-M63-M50 □□
	M75×1.5	M50×1.5	25	18	80	2	CZ1725/4A-M75-M50 □□
	M75×1.5	M63×1.5	25	18	80	2	CZ1725/4A-M75-M63 □□
	M90×2.0	M63×1.5	31	22	95	2	CZ1725/4A-M90-M63 □□
	M90×2.0	M75×1.5	31	22	95	2	CZ1725/4A-M90-M75 □□
ISO→ISO	M100×2.0	M75×1.5	33	22	106	2	CZ1725/4A-M100-M75 □□
	M100×2.0	M90×2.0	33	22	106	2	CZ1725/4A-M100-M90 □□
	M110×2.0	M100×2.0	34	22	120	2	CZ1725/4A-M110-M100 □□

Illustration	Thread M1	Thread M2	ΦD	L1	L2	SW	Pcs/package	Order No.
 	M12×1.5	M16×1.5	6.5	34	15	20	10	CZ1725/4A-M12-M16 □□
	M16×1.5	M20×1.5	10.5	34	15	24	10	CZ1725/4A-M16-M20 □□
	M20×1.5	M25×1.5	15.5	34	15	30	10	CZ1725/4A-M20-M25 □□
	M25×1.5	M25×1.5	20.3	35	15	30	10	CZ1725/4A-M25-M25 □□
	M25×1.5	M32×1.5	20.3	35	15	37	10	CZ1725/4A-M25-M32 □□
	M32×1.5	M40×1.5	27.3	35	15	44	5	CZ1725/4A-M32-M40 □□
	M40×1.5	M50×1.5	35.3	36	15	56	5	CZ1725/4A-M40-M50 □□
	M50×1.5	M63×1.5	45.2	38	16	70	5	CZ1725/4A-M50-M63 □□
	M63×1.5	M75×1.5	57.8	40	17	80	2	CZ1725/4A-M63-M75 □□
	M75×1.5	M90×2.0	69.3	46	18	95	2	CZ1725/4A-M75-M90 □□
	M90×2.0	M100×2.0	83.2	50	22	110	2	CZ1725/4A-M90-M100 □□

90 Brass

91 Nickel plated brass

40 – 304 Stainless steel

60 – 316L Stainless steel

Material

ISO→ISO

Order specifications

ISO→NPT

Illustration	Thread M1	Thread M2	L1	L2	SW	Pcs/package	Order No.
 ISO→NPT	M25×1.5	NPT1/2"	19	15	30	10	CZ1725/4A-M25-N012 □□
	M32×1.5	NPT1/2"	19.5	15	37	10	CZ1725/4A-M32-N012 □□
	M32×1.5	NPT3/4"	19.5	15	37	10	CZ1725/4A-M32-N034 □□
	M40×1.5	NPT3/4"	21	15	44	5	CZ1725/4A-M40-N034 □□
	M40×1.5	NPT1"	21	16	44	5	CZ1725/4A-M40-N100 □□
	M50×1.5	NPT1"	22	16	56	5	CZ1725/4A-M50-N100 □□
	M63×1.5	NPT1½"	23.5	17	70	5	CZ1725/4A-M63-N112 □□
	M75×1.5	NPT2"	25	18	80	2	CZ1725/4A-M75-N200 □□

B

Illustration	Thread M1	Thread M2	ΦD	L1	L2	SW	Pcs/package	Order No.
 ISO→NPT	M16×1.5	NPT1/2"	10.5	35	15	24	10	CZ1725/4A-M16-N012 □□
	M20×1.5	NPT1/2"	15.5	35	15	24	10	CZ1725/4A-M20-N012 □□
	M20×1.5	NPT3/4"	15.5	35	15	30	10	CZ1725/4A-M20-N034 □□
	M25×1.5	NPT3/4"	20.3	35	15	30	10	CZ1725/4A-M25-N034 □□
	M25×1.5	NPT1"	20.3	39	15	37	10	CZ1725/4A-M25-N100 □□
	M32×1.5	NPT1"	27.3	39	15	37	10	CZ1725/4A-M32-N100 □□
	M40×1.5	NPT1¼"	35.3	39	15	48	5	CZ1725/4A-M40-N114 □□
	M40×1.5	NPT1½"	35.3	39	15	56	5	CZ1725/4A-M40-N112 □□
	M50×1.5	NPT1½"	41.7	40	16	56	5	CZ1725/4A-M50-N112 □□
	M50×1.5	NPT2"	45.2	40	16	70	5	CZ1725/4A-M50-N200 □□
	M63×1.5	NPT2"	53.6	41	17	70	5	CZ1725/4A-M63-N200 □□
	M75×1.5	NPT2½"	64	50	18	80	2	CZ1725/4A-M75-N212 □□
	M75×1.5	NPT3"	69.3	52	18	95	2	CZ1725/4A-M75-N300 □□

Order specifications

NPT→ISO

Illustration	Thread M1	Thread M2	L1	L2	SW	Pcs/package	Order No.
 NPT→ISO	NPT1/2"	M12×1.5	19	15	24	10	CZ1725/4A-N012-M12 □□
	NPT3/4"	M16×1.5	20	16	30	10	CZ1725/4A-N034-M16 □□
	NPT3/4"	M20×1.5	20	16	30	10	CZ1725/4A-N034-M20 □□
	NPT1"	M20×1.5	24.5	20	37	10	CZ1725/4A-N100-M20 □□
	NPT1"	M25×1.5	24.5	20	37	10	CZ1725/4A-N100-M25 □□
	NPT1¼"	M25×1.5	25	20	48	5	CZ1725/4A-N114-M25 □□
	NPT1¼"	M32×1.5	25	20	48	5	CZ1725/4A-N114-M32 □□
	NPT1½"	M32×1.5	26	20	56	5	CZ1725/4A-N112-M32 □□
	NPT1½"	M40×1.5	26	20	56	5	CZ1725/4A-N112-M40 □□
	NPT2"	M50×1.5	26.5	20	70	5	CZ1725/4A-N200-M50 □□
	NPT2½"	M50×1.5	35	28	80	2	CZ1725/4A-N212-M50 □□
	NPT2½"	M63×1.5	35	28	80	2	CZ1725/4A-N212-M63 □□
	NPT3"	M63×1.5	38	30	95	2	CZ1725/4A-N300-M63 □□
	NPT3"	M75×1.5	38	30	95	2	CZ1725/4A-N300-M75 □□

Illustration	Thread M1	Thread M2	ΦD	L1	L2	SW	Pcs/package	Order No.
 NPT→ISO	NPT1/2"	M20×1.5	15	36	16	24	10	CZ1725/4A-N012-M20 □□
	NPT1/2"	M25×1.5	15	36	16	30	10	CZ1725/4A-N012-M25 □□
	NPT3/4"	M25×1.5	20.1	36	16	30	10	CZ1725/4A-N034-M25 □□
	NPT1"	M32×1.5	26	40	20	37	10	CZ1725/4A-N100-M32 □□
	NPT1½"	M50×1.5	40.8	41	20	56	5	CZ1725/4A-N112-M50 □□
	NPT2"	M75×1.5	52.4	43	20	80	2	CZ1725/4A-N200-M75 □□

Order specifications

NPT→NPT

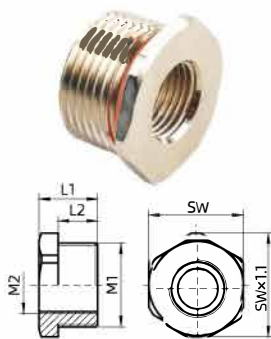
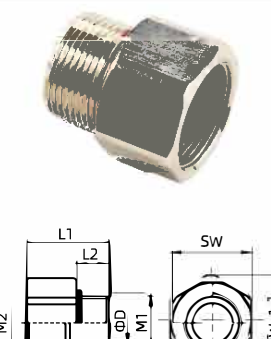
Illustration	Thread M1	Thread M2	L1	L2	SW	Pcs/package	Order No.
 NPT→NPT	NPT3/4"	NPT1/2"	20	16	30	10	CZ1725/4A-N034-N012 □□
	NPT1"	NPT1/2"	24.5	20	37	10	CZ1725/4A-N100-N012 □□
	NPT1"	NPT3/4"	24.5	20	37	10	CZ1725/4A-N100-N034 □□
	NPT1 1/4"	NPT3/4"	25	20	48	5	CZ1725/4A-N114-N034 □□
	NPT1 1/4"	NPT1"	25	20	48	5	CZ1725/4A-N114-N100 □□
	NPT1 1/2"	NPT1"	26	20	56	5	CZ1725/4A-N112-N100 □□
	NPT1 1/2"	NPT1 1/4"	26	20	56	5	CZ1725/4A-N112-N114 □□
	NPT2"	NPT1 1/4"	26.5	20	70	5	CZ1725/4A-N200-N114 □□
	NPT2"	NPT1 1/2"	26.5	20	70	5	CZ1725/4A-N200-N112 □□
	NPT2"	NPT1"	26.5	20	70	5	CZ1725/4A-N200-N100 □□
	NPT3"	NPT2"	38	30	95	2	CZ1725/4A-N300-N200 □□
	NPT3"	NPT2 1/2"	38	30	95	2	CZ1725/4A-N300-N212 □□

Illustration	Thread M1	Thread M2	ΦD	L1	L2	SW	Pcs/package	Order No.
 NPT→NPT	NPT1/2"	NPT1/2"	15	36	16	24	10	CZ1725/4A-N012-N012 □□
	NPT1/2"	NPT3/4"	15	36	16	30	10	CZ1725/4A-N012-N034 □□
	NPT3/4"	NPT1"	20.1	40	16	37	10	CZ1725/4A-N034-N100 □□
	NPT1"	NPT1 1/4"	26	44	20	48	5	CZ1725/4A-N100-N114 □□
	NPT1 1/2"	NPT1 1/2"	34.8	44	20	56	5	CZ1725/4A-N114-N112 □□
	NPT2"	NPT2"	40.8	44	20	70	5	CZ1725/4A-N112-N200 □□

90 Brass
91 Nickel plated brass
40 – 304 Stainless steel
60 – 316L Stainless steel

Material

Order specifications

201 Locknut : Material: polyamide

Illustration	M	SW	D	H	(kg) Weight	Pcs/package	Order No.
	M16×1.5	22	Φ24	5	0.003	20	201/16
	M20×1.5	26	Φ29	6	0.004	20	201/20
	M25×1.5	32	Φ35	6	0.005	20	201/25
	M32×1.5	40	Φ44	7	0.005	20	201/32
	M40×1.5	50	Φ55	7	0.007	10	201/40
	M50×1.5	60	Φ66	7	0.010	10	201/50
	M63×1.5	75	Φ83	9	0.016	5	201/63

B

203 Locknut: Material: brass

Illustration	M	SW	H	(kg) Weight	Pcs/package	Order No.
	M16×1.5	20	5	0.004	20	203/16-□□
	M20×1.5	24	5	0.005	20	203/20-□□
	M25×1.5	30	5	0.009	20	203/25-□□
	M32×1.5	37	5	0.010	20	203/32-□□
	M40×1.5	44	5	0.018	10	203/40-□□
	M50×1.5	56	6	0.027	10	203/50-□□
	M63×1.5	70	6	0.056	5	203/63-□□
	M75×1.5	80	10	0.120	5	203/75-□□
	M80×1.5	86	10	0.132	5	203/80-□□
	M90×2.0	95	10	0.172	5	203/90-□□
	M100×2.0	106	12	0.210	5	203/100-□□
90 – Brass 91 – Nickel plated brass 40 – 304 Stainless steel 60 – 316L Stainless steel Material						

200 Seal : Material: rubber

Illustration	Specification	Φ	D	H	(kg) Weight	Pcs/package	Order No.
	M16×1.5	15.5	22	1.2	0.0004	100	200/16
	M20×1.5	19.5	27	1.2	0.0005	100	200/20
	M25×1.5	24	34	1.5	0.0006	100	200/25
	M32×1.5	31	42	1.5	0.0018	100	200/32
	M40×1.5	39	52	1.5	0.0012	20	200/40
	M50×1.5	49	62	1.5	0.0014	20	200/50
	M63×1.5	62	77	2	0.0024	20	200/63
	M75×1.5	74	90	2	0.0032	10	200/75
	M80×2	79	102	2	0.0055	10	200/80
	M90×2	89	106	2	0.0060	10	200/90
	M100×2	99	116	2	0.0068	10	200/100

Outline dimensions
