


Technical Specifications

General	
Types and variants	CG.AR* - see type code table
Mechanical specifications	
Dimensions and torques	see data table
Cable type	armored cables
Clamping range (D)	see data table
Thread type	metric ISO pitch 1.5 mm or NPT ANSI ASME B1.20.1
Thread size (TD)	see data table
Degree of protection	IP66 / IP68, UL Type 4X
Mass	see datasheets
Material	
Cable gland	brass nickel-plated or AISI 316 (1.4401) stainless steel
Finish	inherent color silver
O-Ring	chloroprene / neoprene or silicone
Washer gasket	aramid fibers bonded with NBR
Seal insert	chloroprene / neoprene or silicone
Ambient conditions	
Ambient temperature	chloroprene seal: -40 ... 80 °C (-40 ... 176 °F) silicone seal: -60 ... 140 °C (-76 ... 284 °F) washer gasket: -50 ... 80 °C (-58 ... 176 °F) Service temperature might be limited by the use of sealing plugs or washer gaskets.
Data for application in connection with hazardous areas	
EU-Type Examination Certificate	CESI 18 ATEX 033 X
Marking	 II 2 GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIC Db
International approvals	
UL approval	E490324 tested to UL 514B cULus E490962 tested to UL 2225
CSA approval	CSA 60079-7 , CSA 60079-31
IECEX approval	IECEX IMQ 14.0022X
UKCA approval	CML 22 UKEX 1266X
INMETRO approval	DNV 20.0028 X
EAC approval	RU C-DE.AA87.B.00459/20
CCoE approval	PESO A/P/HQ/KA/104/5575 (P418742)
CCC approval	2021312313000346
Conformity	
Degree of protection	EN 60529
CE marking	0102
Standards	IEC/EN 60079-0: 2012 IEC/EN 60079-1: 2014 IEC/EN 60079-7: 2015 IEC/EN 60079-31: 2014

Variant-Specific Data

Type	Thread size	Clamping range [mm]		Armor thickness [mm]		Dimensions [mm]							Nut torques [Nm]			UL approval	
	TD	D	D1	min.	max.	H	L	TL	D2	SW1	SW2	SW3	DT	SW1	SW2		SW3
CG.AR.M16.*.16.*	M16	6 ... 11	8 ... 15	0.4	1.3	63.5	79.5	16	27	25	25	25	16 ... 16.2	4	35	25	-
CG.AR.M20.*.16.*	M20	6 ... 11	8 ... 15	0.4	1.3	63.5	79.5	16	27	25	25	25	20 ... 20.2	6	35	25	X
CG.AR.M20L.*.16.*	M20	10 ... 15.5	13.5 ... 21	0.4	1.3	66.5	82.5	16	33	30	30	30	20 ... 20.2	6	45	35	X
CG.AR.M25S.*.16.*	M25	6 ... 11	8 ... 15	0.4	1.3	63.5	79	16	33	30	25	25	25 ... 25.2	6	35	25	X
CG.AR.M25.*.16.*	M25	10 ... 15.5	13.5 ... 21	0.4	1.3	66	82	16	33	30	30	30	25 ... 25.2	6	45	35	X
CG.AR.M25L.*.16.*	M25	13.5 ... 20.5	18 ... 27	0.4	1.6	82.5	98.5	16	44.5	40	40	40	25 ... 25.2	6	55	30	X
CG.AR.M32.*.16.*	M32	13.5 ... 21	18 ... 27	0.4	1.6	82.5	98.5	16	44.5	40	40	40	32 ... 32.3	6	55	30	X
CG.AR.M32L.*.16.*	M32	18 ... 27	23 ... 33	0.4	1.6	85	101	16	47	43	43	43	32 ... 32.3	6	75	55	X
CG.AR.M40.*.16.*	M40	23 ... 33	29 ... 40	0.6	2	97	113	16	55.5	50	50	50	40 ... 40.3	12	85	65	X
CG.AR.M50.*.16.*	M50	29 ... 41	35 ... 48	0.6	2.5	105.5	121.5	16	64	58	58	58	50 ... 50.3	18	95	75	X
CG.AR.M63.*.20.*	M63	35 ... 48	42 ... 56	0.6	2.5	134	154	20	83	75	75	75	63 ... 63.3	25	105	85	X

Type	Thread size	Clamping range [mm]		Armor thickness [mm]		Dimensions [mm]							Nut torques [Nm]			UL approval	
	TD	D	D1	min.	max.	H	L	TL	D2	SW1	SW2	SW3	DT	SW1	SW2		SW3
CG.AR.NPT3/8.*.21.*	NPT 3/8"	6 ... 11	8 ... 15	0.4	1.3	63.5	79.5	16	27	25	25	25	17.2 ... 17.4	4	35	25	-
CG.AR.NPT1/2.*.21.*	NPT 1/2"	6 ... 11	8 ... 15	0.4	1.3	63.5	79.5	21	27	25	25	25	21.4 ... 21.6	6	35	25	X
CG.AR.NPT1/2L.*.21.*	NPT 1/2"	10 ... 15.5	13.5 ... 21	0.4	1.3	66	87	21	33	30	30	30	21.4 ... 21.6	6	45	35	X
CG.AR.NPT3/4S.*.21.*	NPT 3/4"	6 ... 11	8 ... 15	0.4	1.3	63.5	84.5	21	33	30	25	25	26.7 ... 26.9	6	35	25	X
CG.AR.NPT3/4.*.21.*	NPT 3/4"	10 ... 15.5	13.5 ... 21	0.4	1.3	66	87	21	33	30	30	30	26.7 ... 26.9	6	45	35	X
CG.AR.NPT3/4L.*.21.*	NPT 3/4"	13.5 ... 20.5	18 ... 27	0.4	1.6	82.5	103.5	21	44.5	40	40	40	26.7 ... 26.9	6	55	30	X
CG.AR.NPT1.*.26.*	NPT 1"	13.5 ... 21	18 ... 27	0.4	1.6	82.5	108.5	26	44.5	40	40	40	33.5 ... 33.7	6	55	30	X
CG.AR.NPT1L.*.26.*	NPT 1"	18 ... 27	23 ... 33	0.4	1.6	85	111	26	47	43	43	43	33.5 ... 33.7	6	75	55	X
CG.AR.NPT1-1/4.*.28.*	NPT 1-1/4"	23 ... 33	29 ... 40	0.6	2	97	125	28	55.5	50	50	50	42.2 ... 42.4	12	85	65	X
CG.AR.NPT1-1/2.*.28.*	NPT 1-1/2"	29 ... 41	35 ... 48	0.6	2.5	105.5	133.5	28	64	58	58	58	48.3 ... 48.5	18	95	75	X
CG.AR.NPT2.*.28.*	NPT 2"	35 ... 48	42 ... 56	0.6	2.5	134	162	28	83	75	75	75	60.4 ... 60.7	25	105	85	X