

UG UNARMOURED CABLE GLANDS

TECHNICAL DETAILS

Type : UG (Un-Ar) Armoured gland)
 Protection code : II 2G Exd/e IIC Gb II 1D Ex ta IIIC Da I M2 Exd/e I Mb
 Certificate : IEP 14 ATEX 0217 U
 Material : MS58 Brass with or without nickel plated
 Stainless steel AISI303 / 316L / Aluminium
 Standards : EN 60079-0:2009, 60079-1:2007,60079-31:2009
 Protection class : EN60529 IP66 / 68
 Temperature : -30 °C / +120 °C NBR
 -40 °C / +100 °C NEOPRENE
 -60 °C / +180 °C SILICONE
 -30 °C / +100 °C TPE/V
 Application area : ZONE1, ZONE2, ZONE21, ZONE22,
 Gas Groups IIA, IIB, IIC
 Cable type : Unarmoured

UNARMOURED CABLE GLANDS UG SERIES



Product Size	Product Code	Standard AG	AG NPT	B		GL min. mm	C	mm	B
				Min	Max				
16	UGXX/16/X	M16x1,5	1/2"	6,1	11,6	15	20	24	
20s	UGXX/20s/X	M20sx1,5	1/2"	6,1	13,2	15	24	24	
20	UGXX/20/X	M20x1,5	1/2"	9,5	15,9	15	24	24	
25	UGXX/25/X	M25x1,5	3/4"	12,5	20,5	15	30	30	
32	UGXX/32/X	M32x1,5	1"	18,2	26,2	15	38	38	
40	UGXX/40/X	M40x1,5	1 1/4"	23,7	33,9	15	45	45	
50	UGXX/50/X	M50x1,5	1 1/2"	27,9	40,4	15	55	55	
63s	UGXX/63s/X	M63sx1,5	2"	40,4	51	15	70	70	
63	UGXX/63/X	M63x1,5	2 1/2"	47,2	55,9	15	70	80	
75s	UGXX/75s/X	M75sx1,5	2 1/2"	52,8	59	15	80	80	
75	UGXX/75/X	M75x1,5	3"	59,1	67,9	15	90	100	

INSTALLATION INSTRUCTION FOR ORTAC CABLE GLAND TYPES "UG"



★ Prepare the cable by stripping back to outer sheath and armour to suit the equipment geometry.



★ Main cap assembles with intermediate cap without stripping by cable suit through hand inner seal nut is relaxed passsub-assembly and then pass the shroud on gland to make it ready.



DCG DOUBLE COMPRESSION

TECHNICAL DETAILS

Type : DCG (Double compression gland)
 Protection code : II 2G Exd/e IIC Gb II 1D Ex ta IIIC Da I M2 Exd/e I Mb
 Certificate : IEP 14 ATEX 0216U
 Material : MS58 Brass with or without nickel plated
 Stainless steel AISI303 / 316L / Aluminium
 Standards : EN 60079-0:2009, 60079-1:2007,60079-31:2009
 Protection class : EN60529 IP66 / 68
 Temperature : -30 °C / +120 °C NBR
 -40 °C / +100 °C NEOPRENE
 -60 °C / +180 °C SILICONE
 -30 °C / +100 °C TPE/V
 Application area : ZONE1, ZONE2, ZONE21, ZONE22,
 Gas Groups IIA, IIB, IIC
 Cable type : SWA (Single wire armour)
 (STA & other cables optional)

ARMOURED CABLE GLANDS DCG SERIES



Product Size	Product Code	Standard AG	AG NPT	AG	A		B		Ø d (Armour)		GL mm	mm
					Min	Max	Min	Max	Min	Max		
16	DCGXX/16/X	M16x1,5	1/2"	PG9	3,1	8,6	6,1	13,2	0,8	1,0	15	24
20ss	DCGXX/20ss/X	M20ssx1,5	1/2"	PG11ss	3,1	8,6	6,1	13,2	0,8	1,0	15	24
20s	DCGXX/20s/X	M20sx1,5	1/2"	PG11s	6,1	11,6	9,5	15,9	0,8	1,25	15	24
20	DCGXX/20/X	M20x1,5	1/2"	PG13,5	6,5	13,9	12,5	20,9	0,8	1,25	15	30
25s	DCGXX/25s/X	M25sx1,5	3/4"	PG21s	11,1	19,9	14	22	1,25	1,60	15	38
25	DCGXX/25/X	M25x1,5	3/4"	PG21	11,1	19,9	18,2	26,2	1,25	1,60	15	38
32	DCGXX/32/X	M32x1,5	1"	PG29	18,2	26,2	23,7	33,9	1,6	2,0	15	45
40	DCGXX/40/X	M40x1,5	1 1/4"	PG36s	23,7	33,9	27,9	40,4	1,6	2,0	15	55
50s	DCGXX/50s/X	M50sx1,5	1 1/2"	PG36	29,5	38,1	35,2	46,7	2,0	2,5	15	60
50	DCGXX/50/X	M50x1,5	2"	PG42	35,6	44,0	40,4	53,1	2,0	2,5	15	70
63s	DCGXX/63s/X	M63sx1,5	2"	PG48	40,1	49,9	45,6	59,4	2,0	2,5	15	75
63	DCGXX/63/X	M63x1,5	2 1/2"	-	47,2	55,9	54,6	65,9	2,0	2,5	15	80
75s	DCGXX/75s/X	M75sx1,5	2 1/2"	-	52,8	61,9	59	72,1	2,0	2,5	15	90
75	DCGXX/75/X	M75x1,5	3"	-	59,1	67,9	66,7	78,5	2,5	3,0	15	100
90	DCGXX/90/X	M90x2,0	3"	-	66,6	79,9	76,2	90,4	3,0	3,5	15	115
100	DCGXX/100/X	M100x2,0	-	-	76	90	86,1	101,5	3,15	4,0	15	123
115	DCGXX/115/X	M115x2,0	-	-	86	97,9	101,5	110,3	3,15	4,0	15	133
130	DCGXX/130/X	M130x2,0	-	-	97	114,9	114,2	123,3	3,15	4,0	15	146

INSTALLATION INSTRUCTION FOR ORTAC CABLE GLAND TYPES "DCG"



★ Prepare the cable by stripping back the cable outer sheath and armour to suit the equipment geometry. Main cap assembles with intermediate cap without stripping by cable suit through hand then inner seal nut is relaxed pass sub-assembly.



★ Ensure that washer is assembled to body and is fitted to where assembled. Locate the armour cone into its recess in the main item.



★ Pass the cable through sub assembly until the armour engaged with the cone. Spread the armour evenly around the cone and to complete the gland ensure that shroud is passed on it.

ACG SINGLE COMPRESSION



TECHNICAL DETAILS

Type : ACG (Armoured cable gland)
 Protection code : II 2G Exd/e IIC Gb II 1D Ex ta IIIC Da I M2 Exd/e I Mb
 Certificate : IEP 14 ATEX 0215 U
 Material : MS58 Brass with or without nickel plated
 Stainless steel AISI303 / 316L / Aluminium
 Standards : EN 60079-0:2009, 60079-1:2007,60079-31:2009
 Protection class : EN60529 IP66 / 68
 Temperature : -30 °C / +120 °C NBR
 -40 °C / +100 °C NEOPRENE
 -60 °C / +180 °C SILICONE
 -30 °C / +100 °C TPE/Y
 Application area : ZONE1, ZONE2, ZONE21, ZONE22,
 Gas Groups IIA, IIB, IIC
 Cable type : SWA (Single wire armour)
 (STA & other cables optional)

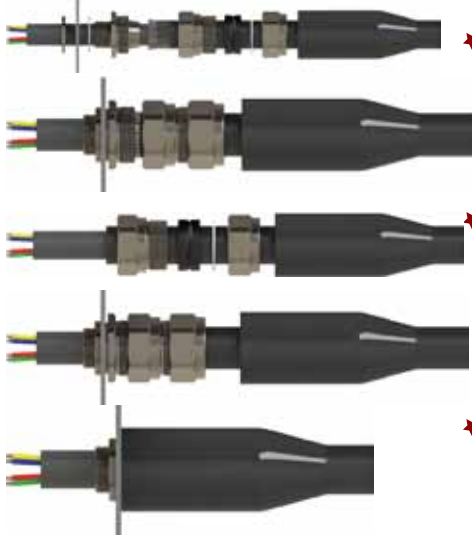
**ARMOURED
CABLE GLANDS
ACG SERIES**



PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	AG	A Min	B Min	B Max	Ø d (Armour) Min	Ø d (Armour) Max	GL mm	mm
16	ACGXX/16/X	M16x1,5	1/2"	PG9	8,6	6,1	13,2	0,8	1,0	15	24
20ss	ACGXX/20ss/X	M20ssx1,5	1/2"	PG11ss	8,6	6,1	13,2	0,8	1,0	15	24
20s	ACGXX/20s/X	M20sx1,5	1/2"	PG11s	11,6	9,5	15,9	0,8	1,25	15	24
20	ACGXX/20/X	M20x1,5	1/2"	PG13,5	13,9	12,5	20,9	0,8	1,25	15	30
25s	ACGXX/25s/X	M25sx1,5	3/4"	PG21s	19,9	14	22	1,25	1,60	15	38
25	ACGXX/25/X	M25x1,5	3/4"	PG21	19,9	18,2	26,2	1,25	1,60	15	38
32	ACGXX/32/X	M32x1,5	1"	PG29	26,2	23,7	33,9	1,6	2,0	15	45
40	ACGXX/40/X	M40x1,5	1 1/4"	PG36s	33,9	27,9	40,4	1,6	2,0	15	55
50s	ACGXX/50s/X	M50sx1,5	1 1/2"	PG36	38,1	35,2	46,7	2,0	2,5	15	60
50	ACGXX/50/X	M50x1,5	2"	PG42	44,0	40,4	53,1	2,0	2,5	15	70
63s	ACGXX/63s/X	M63sx1,5	2"	PG48	49,9	45,6	59,4	2,0	2,5	15	75
63	ACGXX/63/X	M63x1,5	2 1/2"	-	55,9	54,6	65,9	2,0	2,5	15	80
75s	ACGXX/75s/X	M75sx1,5	2 1/2"	-	61,9	59	72,1	2,0	2,5	15	90
75	ACGXX/75/X	M75x1,5	3"	-	67,9	66,7	78,5	2,5	3,0	15	100
90	ACGXX/90/X	M90x2,0	3"	-	79,9	76,2	90,4	3,0	3,5	15	115
100	ACGXX/100/X	M100x2,0	-	-	90	86,1	101,5	3,15	4,0	15	123
115	ACGXX/115/X	M115x2,0	-	-	97,9	101,5	110,3	3,15	4,0	15	133
130	ACGXX/130/X	M130x2,0	-	-	114,9	114,2	123,3	3,15	4,0	15	146

INSTALLATION INSTRUCTION FOR ORTAC CABLE GLAND TYPES "ACG"



★ Prepare the cable by stripping back the cable outer sheath and armour to suit the equipment geometry. Main cap assembles with intermediate cap without stripping by cable suit through hand then inner seal nut is relaxed pass sub-assembly .

★ Ensure that washer is assembled to body and is fitted to where assembled. Locate the armour cone into its recess in the main item.

★ Pass the cable through sub assembly until the armour engaged with the cone. Spread the armour evenly around the cone and to complete the gland ensure that shroud is passed on it.

UAG UNARMOURED CABLE GLANDS



TECHNICAL DETAILS

Type : UAG (Un-Ar) Armoured gland
 Protection code : II 2G Exd/e IIC Gb II 1D Ex ta IIIC Da I M2 Exd/e I Mb
 Certificate : IEP 14 ATEX 0217 U
 Material : MS58 Brass with or without nickel plated
 Stainless steel AISI303 / 316L / Aluminium
 Standards : EN 60079-0:2009, 60079-1:2007,60079-31:2009
 Protection class : EN60529 IP66 / 68
 Temperature : -30 °C / +120 °C NBR
 -40 °C / +100 °C NEOPRENE
 -60 °C / +180 °C SILICONE
 -30 °C / +100 °C TPE/Y
 Application area : ZONE1, ZONE2, ZONE21, ZONE22,
 Gas Groups IIA, IIB, IIC
 Cable type : Unarmoured

**UNARMOURED
CABLE GLANDS
UAG SERIES**



PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG	GL min. mm	Clamping Range mm	B mm	C mm
Exd							
12	UAGXX/12/X	M12x1,5	3/8"	15	3-6,5	14	14
16	UAGXX/16/X	M16x1,5	3/8"	15	4-8	18	17
20	UAGXX/20/X	M20x1,5	1/2"	15	6-12	22	22
25s	UAGXX/25s/X	M25x1,5	3/4"	15	10-14	27	24
25	UAGXX/25/X	M25x1,5	3/4"	15	13-18	30	30
32	UAGXX/32/X	M32x1,5	1"	15	13-18	34	30
40	UAGXX/40/X	M40x1,5	1 1/4"	15	18-25	43	40
50	UAGXX/50/X	M50x1,5	1 1/2"	15	22-32	55	50
63s	UAGXX/63s/X	M63x1,5	2"	15	33-44	68	64
63	UAGXX/63/X	M63x1,5	2"	15	45-55	70	75
75s	UAGXX/75s/X	M75x1,5	2 1/2"	15	45-55	85	75
75	UAGXX/75/X	M75x1,5	2 1/2"	20	50-63	90	90
80	UAGXX/80/X	M80x2,0	3"	20	50-63	90	90
90	UAGXX/90/X	M90x2,0	3"	20	60-70	100	100
Exe							
12	EUAGXX/12/X	M12x1,5	3/8"	6	3-6,5	14	14
16	EUAGXX/16/X	M16x1,5	3/8"	7	4-8	18	17
20	EUAGXX/20/X	M20x1,5	1/2"	8	6-12	22	22
25s	EUAGXX/25s/X	M25x1,5	3/4"	8	10-14	27	24
25	EUAGXX/25/X	M25x1,5	3/4"	8	13-18	30	30
32	EUAGXX/32/X	M32x1,5	1"	9	13-18	34	30
40	EUAGXX/40/X	M40x1,5	1 1/4"	9	18-25	43	40
50	EUAGXX/50/X	M50x1,5	1 1/2"	9	22-32	55	50
63s	EUAGXX/63s/X	M63x1,5	2"	14	33-44	68	64
63	EUAGXX/63/X	M63x1,5	2"	15	45-55	70	75
75s	EUAGXX/75s/X	M75x1,5	2 1/2"	15	45-55	85	75
75	EUAGXX/75/X	M75x1,5	2 1/2"	20	50-63	90	90
80	EUAGXX/80/X	M80x2,0	3"	20	50-63	90	90
90	EUAGXX/90/X	M90x2,0	3"	20	60-70	100	100

INSTALLATION INSTRUCTION FOR ORTAC CABLE GLAND TYPES "UAG"



★ Prepare the cable by stripping back to outer sheath and armour to suit the equipment geometry.

★ Main cap assembles with intermediate cap without stripping by cable suit through hand inner seal nut is relaxed passsub-assembly and then pass the shroud on gland to make it ready.