



Cable glands, locknuts and accessories

Our range of cable glands has been expanded to offer the most high quality glands available. Our wide range includes BW, CW, A1/A2 and E1W/F gland kits with matched accessories. We also offer a comprehensive range of reducers and thread adaptors.

Cable glands and locknuts

Cable gland sizing chart	418
Nylon cable glands and locknuts	420
Nickel plated brass cable glands and locknuts	422
EMC cable glands and locknuts	424
Stainless steel cable glands and locknuts	426
Cablecraft brass cable gland kits	427
Cablecraft BW & CW industrial cable gland kits	428
Cablecraft A1 & A2 industrial cable gland kits	430
Cablecraft CX industrial cable gland kit	431
Cablecraft E1W/F industrial cable gland kit	432

Accessories

Fibre and nylon washers	433
O-Rings	433
Blanking plugs	435
Adaptors and reducers	437
IP ratings explained	441

Cable gland sizing chart

For cable accessories BS 5467 (XLPE, PVC 600/1000V) & BS 6724 (XLPE, LSOH 600/1000V).

Cable gland sizing chart							
Conductor size mm ²	No. of cores	INDOOR GLAND KITS*		INDOOR/OUTDOOR GLAND KITS†		INDOOR/OUTDOOR GLAND KITS†	
		BW kit size	BW LSF kit size	CW kit size	CW LSF kit size	E1W kit size	E1W LSF kit size
1.5	2	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20ssK	LSF20ssE1W
	3	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20ssK	LSF20ssE1W
	4	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20ssK	LSF20ssE1W
	7	BW20K	LSF20BW	CW20sK	LSF20sCW	E1W20ssK	LSF20ssE1W
	12	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	19	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	27	BW32K	LSF32BW	CW32K	LSF32CW	E1W25K	LSF25E1W
	37	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
2.5	48	BW40K	LSF40BW	CW40K	LSF40CW	E1W32K	LSF32E1W
	2	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20ssK	LSF20ssE1W
	3	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20sK	LSF20sE1W
	4	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20sK	LSF20sE1W
	7	BW20K	LSF20sBW	CW20K	LSF20CW	E1W20K	LSF20E1W
	12	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	19	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	27	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
4	37	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
	48	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
	2	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20sK	LSF20sE1W
	3	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20sK	LSF20sE1W
	4	BW20sK	LSF20sBW	CW20sK	LSF20sCW	E1W20sK	LSF20sE1W
	2	BW20K	LSF20BW	CW20K	LSF20CW	E1W20sK	LSF20sE1W
	3	BW20K	LSF20BW	CW20K	LSF20CW	E1W20K	LSF20E1W
	4	BW20K	LSF20BW	CW20K	LSF20CW	E1W20K	LSF20E1W
10	2	BW20K	LSF20BW	CW20K	LSF20CW	E1W20K	LSF20E1W
	3	BW20K	LSF20BW	CW20K	LSF20CW	E1W20K	LSF20E1W
	4	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
16	2	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	3	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	4	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
25	2	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	3	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	4	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W

For cable accessories BS 5467 (XLPE, PVC 600/1000V) & BS 6724 (XLPE, LSOH 600/1000V).

Cable gland sizing chart							
Conductor size mm ²	No. of cores	INDOOR GLAND KITS*		INDOOR/OUTDOOR GLAND KITS†		INDOOR/OUTDOOR GLAND KITS†	
		BW kit size	BW LSF kit size	CW kit size	CW LSF kit size	E1W kit size	E1W LSF kit size
35	2	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	3	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
	4	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
50	2	BW25K	LSF25BW	CW25K	LSF25CW	E1W25K	LSF25E1W
	3	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
	4	BW32K	LSF32BW	CW32K	LSF32CW	E1W40K	LSF40E1W
70	2	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
	3	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
	4	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
95	2	BW32K	LSF32BW	CW32K	LSF32CW	E1W32K	LSF32E1W
	3	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
	4	BW50K	LSF50BW	CW50sK	LSF50sCW	E1W50sK	LSF50sE1W
120	2	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
	3	BW50K	LSF50BW	CW50sK	LSF50sCW	E1W50sK	LSF50sE1W
	4	BW50K	LSF50BW	CW50K	LSF50CW	Contact us	Contact us
150	2	BW40K	LSF40BW	CW40K	LSF40CW	E1W40K	LSF40E1W
	3	BW50K	LSF50BW	CW50sK	LSF50sCW	E1W50sK	LSF50sE1W
	4	BW50K	LSF50BW	CW50K	LSF50CW	E1W50K	LSF50E1W
185	2	BW50K	LSF50BW	CW50sK	LSF50sCW	E1W50sK	LSF50sE1W
	3	BW50K	LSF50BW	CW50K	LSF50CW	E1W50K	LSF50E1W
	4	BW63K	LSF63BW	CW63K	LSF63CW	E1W63sK	LSF63sE1W
240	2	BW50K	LSF50BW	CW50K	LSF50CW	Contact us	Contact us
	3	BW63K	LSF63BW	CW63K	LSF63CW	E1W63sK	LSF63sE1W
	4	BW63K	LSF63BW	CW63K	LSF63CW	E1W63K	LSF63E1W
300	2	BW50K	LSF50BW	CW50K	LSF50CW	E1W50K	LSF50E1W
	3	BW63K	LSF63BW	CW63K	LSF63CW	Contact us	Contact us
	4	BW75K	LSF75BW	CW75K	LSF75CW	E1W75sK	LSF73sE1W
400	2	BW63K	LSF63BW	CW63K	LSF63CW	E1W63sK	LSF63sE1W
	3	BW75sK	LSF75sBW	CW75K	LSF75CW	Contact us	Contact us
	4	BW75K	LSF75BW	CW75K	LSF75CW	E1W75K	LSF75E1W

* INDOOR: For use in dry and dust free environments.

† INDOOR/OUTDOOR: To give protection against the ingress of dust and liquids.

Nylon cable glands and locknuts

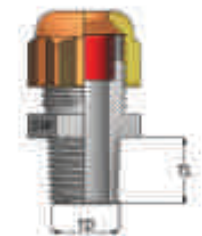


EPN 250 Nylon cable glands provide excellent functionality and safety. The sealing nut gives perfect grip and a spanner-tight seal. The multiple thread design ensures secure and rapid assembly while the neoprene seal is watertight to IP68. The blade system enables optimal strain relief, cable protection and a wide clamping range. Available in metric or PG thread options. For colour options see opposite.

SPECIFICATIONS

Material Polyamide 6
Protection class IP 68, 5 bar
Temp. range 30°C to +80°C
Operating temperature Up to +150°C
Sealing ring Neoprene
Approvals UL, CSA & VDE approved. Manufactured to the requirements of EN 50262. RoHS 2 compliant

Nylon metric thread cable glands and locknuts



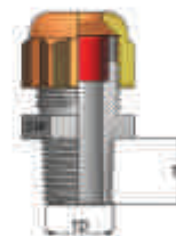
Metric cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread)	Cable range Min-Max Ø (mm)	Pack qty
EPN 250/M12 (COLOUR)	M 12 x 1.5	12.0	8.0	3.0 - 6.5	1
EPN 250/M16 (COLOUR)	M 16 x 1.5	16.0	10.0	5.0 - 10.0	1
EPN 250/M16L (COLOUR)	M 16 x 1.5	16.0	15.0	5.0 - 10.0	1
EPN 250/M20S (COLOUR)	M 20 x 1.5	20.0	10.0	5.0 - 9.0	1
EPN 250/M20LS (COLOUR)	M 20 x 1.5	20.0	15.0	5.0 - 9.0	1
EPN 250/M20 (COLOUR)	M 20 x 1.5	20.0	10.0	6.0 - 12.0	1
EPN 250/M20L (COLOUR)	M 20 x 1.5	20.0	15.0	6.0 - 12.0	1
EPN 250/M25 (COLOUR)	M 25 x 1.5	25.0	10.0	13.0 - 18.0	1
EPN 250/M25S (COLOUR)	M 25 x 1.5	25.0	10.0	9.0 - 16.0	1
EPN 250/M25L (COLOUR)	M 25 x 1.5	25.0	15.0	13.0 - 18.0	1
EPN 250/M32 (COLOUR)	M 32 x 1.5	32.0	18.0	16.0 - 25.0	1
EPN 250/M40 (COLOUR)	M 40 x 1.5	40.0	18.0	22.0 - 32.0	1
EPN 250/M50 (COLOUR)	M 50 x 1.5	50.0	18.0	30.0 - 38.0	1
EPN 250/M63 (COLOUR)	M 63 x 1.5	63.0	18.0	34.0 - 44.0	1

Metric lock nuts

Part number	Thread size	Depth (mm)	Pack quantity
EPN 350/M12 (COLOUR)	M 12 x 1.5	5.0	1
EPN 350/M16 (COLOUR)	M 16 x 1.5	5.0	1
EPN 350/M20 (COLOUR)	M 20 x 1.5	6.0	1
EPN 350/M25 (COLOUR)	M 25 x 1.5	6.0	1
EPN 350/M32 (COLOUR)	M 32 x 1.5	7.0	1
EPN 350/M40 (COLOUR)	M 40 x 1.5	7.0	1
EPN 350/M50 (COLOUR)	M 50 x 1.5	8.0	1
EPN 350/M63 (COLOUR)	M 63 x 1.5	8.0	1

Nylon PG thread cable glands and locknuts



PG thread cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread)	Cable range Min-Max Ø (mm)	Pack qty
EPN250/PG7 (COLOUR)	PG 7	13.0	8.0	3.0 - 6.5	1
EPN250/PG9 (COLOUR)	PG 9	16.0	8.0	4.0 - 8.0	1
EPN250/PG11 (COLOUR)	PG 11	19.0	8.0	5.0 - 10.0	1
EPN250/PG13.5 (COLOUR)	PG 13.5	21.0	9.0	6.0 - 12.0	1
EPN250/PG16 (COLOUR)	PG 16	23.0	10.0	10.0 - 14.0	1
EPN250/PG21 (COLOUR)	PG 21	29.0	11.0	13.0 - 18.0	1
EPN250/PG29 (COLOUR)	PG 29	37.0	11.0	18.0 - 25.0	1
EPN250/PG36 (COLOUR)	PG 36	47.0	13.0	22.0 - 32.0	1
EPN250/PG42 (COLOUR)	PG 42	54.0	13.0	30.0 - 38.0	1
EPN250/PG48 (COLOUR)	PG 48	59.0	14.0	34.0 - 44.0	1

PG thread locknuts

Part number	Thread size	Depth (mm)	Pack quantity
EPN350/PG7 (COLOUR)	PG 7	5.0	1
EPN350/PG9 (COLOUR)	PG 9	5.0	1
EPN350/PG11 (COLOUR)	PG 11	5.0	1
EPN350/PG13.5 (COLOUR)	PG 13.5	6.0	1
EPN350/PG16 (COLOUR)	PG 16	6.0	1
EPN350/PG21 (COLOUR)	PG 21	7.0	1
EPN350/PG29 (COLOUR)	PG 29	7.0	1
EPN350/PG36 (COLOUR)	PG 36	8.0	1
EPN350/PG42 (COLOUR)	PG 42	8.0	1
EPN350/PG48 (COLOUR)	PG 48	8.0	1

AVAILABLE COLOURS - METRIC & PG THREAD

DARK GREY (DG)

BLACK (BLK)

LIGHT GREY (LG)

RED (RD)

WHITE (W)

BLUE (BL)

How to order
Example

Part no. EPN 250/M16 **Colour** Dark grey → **Ordering code** EPN 250/M16 DG

Nickel plated brass cable glands and locknuts

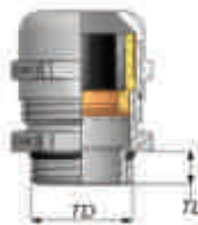


Our brass dome top glands offer high quality and total reliability. Suitable for use in plant and automation technologies where exceptional and safe functioning are required. Suitable for high demands, offering excellent strain relief.

SPECIFICATIONS

Material Brass nickel plated
Protection class IP 68
Temp. range -40°C to +100°C
Clamping insert Polyamide 6
Sealing ring Neoprene
Standards RoHS 2 compliant

Brass metric thread cable glands and locknuts



Metric thread cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread)	Cable range Min-Max Ø (mm)	Pack quantity
EPN700/M12	M 12 x 1.5	12.0	6.0	3.0 - 6.5	1
EPN700/M12L	M 12 x 1.5	12.0	12.0	3.0 - 6.5	1
EPN700/M16	M 16 x 1.5	16.0	7.0	4.0 - 8.0	1
EPN700/M16L	M 16 x 1.5	16.0	12.0	4.0 - 8.0	1
EPN700/M20	M 20 x 1.5	20.0	8.0	6.0 - 12.0	1
EPN700/M20L	M 20 x 1.5	20.0	12.0	6.0 - 12.0	1
EPN700/M25	M 25 x 1.5	25.0	8.0	10.0 - 14.0	1
EPN700/M25L	M 25 x 1.5	25.0	12.0	10.0 - 14.0	1
EPN700/M32	M 32 x 1.5	32.0	9.0	13.0 - 18.0	1
EPN700/M32L	M 32 x 1.5	32.0	15.0	13.0 - 18.0	1
EPN700/M40	M 40 x 1.5	40.0	9.0	18.0 - 25.0	1
EPN700/M40L	M 40 x 1.5	40.0	15.0	18.0 - 25.0	1
EPN700/M50	M 50 x 1.5	50.0	9.0	22.0 - 32.0	1
EPN700/M50L	M 50 x 1.5	50.0	15.0	22.0 - 32.0	1
EPN700/M63	M 63 x 1.5	63.0	14.0	34.0 - 44.0	1
EPN700/M63L	M 63 x 1.5	63.0	18.0	34.0 - 44.0	1

Metric thread lock nuts

Part number	Thread size	Depth (mm)	Pack quantity
EPN710/M12	M 12 x 1.5	2.8	1
EPN710/M16	M 16 x 1.5	3.0	1
EPN710/M20	M 20 x 1.5	3.5	1
EPN710/M25	M 25 x 1.5	4.0	1
EPN710/M32	M 32 x 1.5	5.0	1
EPN710/M40	M 40 x 1.5	5.0	1
EPN710/M50	M 50 x 1.5	5.0	1
EPN710/M63	M 63 x 1.5	5.0	1



Brass PG thread cable glands and locknuts

PG thread cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread)	Cable range Min-Max Ø (mm)	Pack qty
EPN700/PG7	PG 7	12.5	6.0	3.0 - 6.5	1
EPN700/PG9	PG 9	15.2	6.0	4.0 - 8.0	1
EPN700/PG11	PG 11	18.6	6.0	5.0 - 10.0	1
EPN700/PG13.5	PG 13.5	20.4	6.5	6.0 - 12.0	1
EPN700/PG16	PG 16	22.5	6.5	10.0 - 14.0	1
EPN700/PG21	PG 21	28.3	7.2	13.0 - 18.0	1
EPN700/PG29	PG 29	37.0	8.0	18.0 - 25.0	1
EPN700/PG36	PG 36	47.0	9.0	22.0 - 32.0	1
EPN700/PG42	PG 42	54.0	12.0	30.0 - 38.0	1
EPN700/PG48	PG 48	59.3	14.0	34.0 - 44.0	1



PG thread locknuts

Part number	Thread size	Depth (mm)	Pack quantity
EPN710/PG7	PG 7	2.8	1
EPN710/PG9	PG 9	2.8	1
EPN710/PG11	PG 11	3.0	1
EPN710/PG13.5	PG 13.5	3.0	1
EPN710/PG16	PG 16	3.0	1
EPN710/PG21	PG 21	3.5	1
EPN710/PG29	PG 29	4.0	1
EPN710/PG36	PG 36	5.0	1
EPN710/PG42	PG 42	5.0	1
EPN710/PG48	PG 48	5.5	1



EMC cable glands and locknuts

The EMC 2 cable gland combines several advantages in one product; it offers the same clamping range as with the normal brass gland, with a protection class of IP68. This high tech gland consists of body plastic inlet, EMC spring and neoprene seal.

EMC metric thread cable glands and locknuts

SPECIFICATIONS

Material Brass nickel plated
Protection class IP 68
Temp. range -40°C to +100°C
Clamping insert Polyamide 6
Sealing ring Neoprene
Standards UL E199260, RoHS 2 compliant



Metric thread cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread) (mm)	Cable range Min-Max Ø (mm)	Pack qty
EMC2-M12	M 12 x 1.5	12.0	6.0	3.0 - 6.5	1
EMC2-M16	M 16 x 1.5	16.0	7.0	4.0 - 8.0	1
EMC2-M20	M 20 x 1.5	20.0	8.0	6.0 - 12.0	1
EMC2-M25	M 25 x 1.5	25.0	8.0	10.0 - 14.0	1
EMC2-M32	M 32 x 1.5	32.0	9.0	13.0 - 18.0	1
EMC2-M40	M 40 x 1.5	40.0	9.0	18.0 - 25.0	1
EMC2-M50	M 50 x 1.5	50.0	9.0	22.0 - 32.0	1
EMC2-M63	M 63 x 1.5	63.0	14.0	34.0 - 44.0	1

Metric thread lock nuts

Part number	Thread size	Depth (mm)	Pack quantity
EMC2/M12 LOCKNUT	M 12 x 1.5	3.3	1
EMC2/M16 LOCKNUT	M 16 x 1.5	3.5	1
EMC2/M20 LOCKNUT	M 20 x 1.5	3.5	1
EMC2/M25 LOCKNUT	M 25 x 1.5	3.5	1
EMC2/M32 LOCKNUT	M 32 x 1.5	4.0	1
EMC2/M40 LOCKNUT	M 40 x 1.5	4.6	1
EMC2/M50 LOCKNUT	M 50 x 1.5	5.6	1
EMC2/M63 LOCKNUT	M 63 x 1.5	6.7	1

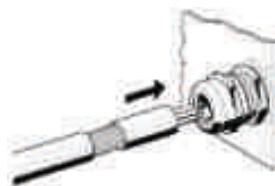
How to install an EMC cable gland



1. Tighten the cable gland



2. Remove outer sheath of cable



3. Insert cable to EMC spring



4. Lock and tighten the cap

Tightening the dome nut will have three different effects: the cable will be centred in the cable gland, the neoprene seal will ensure IP 68 protection, and the design of the dome cap will provide appropriate strain relief – simply done by just one turn of the dome cap. Uninstalling the cable is easy; open the dome cap and pull the cable out of the cable gland together with the insert, which can then be easily removed.

EMC PG thread cable glands and locknuts



PG thread cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread) (mm)	Cable range Min-Max Ø (mm)	Pack quantity
EMC2-PG7	PG 7	12.5	6.0	3.0 - 6.5	1
EMC2-PG9	PG 9	15.2	6.0	4.0 - 8.0	1
EMC2-PG11	PG 11	18.6	6.0	5.0 - 10.0	1
EMC2-PG13.5	PG 13.5	20.4	6.5	6.0 - 12.0	1
EMC2-PG16	PG 16	22.5	6.5	10.0 - 14.0	1
EMC2-PG21	PG 21	28.3	7.2	13.0 - 18.0	1
EMC2-PG29	PG 29	37.0	8.0	18.0 - 25.0	1
EMC2-PG36	PG 36	47.0	9.0	22.0 - 32.0	1
EMC2-PG42	PG 42	54.0	12.0	30.0 - 38.0	1
EMC2-PG48	PG 48	59.3	14.0	34.0 - 44.0	1

PG thread lock nuts

Part number	Thread size	Depth (mm)	Pack quantity
EMC2/PG7 LOCKNUT	PG 7	3.3	1
EMC2/PG9 LOCKNUT	PG 9	3.3	1
EMC2/PG11 LOCKNUT	PG 11	3.5	1
EMC2/PG13.5 LOCKNUT	PG 13.5	3.5	1
EMC2/PG16 LOCKNUT	PG 16	3.5	1
EMC2/PG21 LOCKNUT	PG 21	4.0	1
EMC2/PG29 LOCKNUT	PG 29	4.6	1
EMC2/PG36 LOCKNUT	PG 36	5.6	1
EMC2/PG42 LOCKNUT	PG 42	5.6	1
EMC2/PG48 LOCKNUT	PG 48	6.1	1

Stainless steel cable glands and locknuts

Stainless steel cable glands are suitable for demanding environments offering excellent strain relief. They are IP68 rated offering protection against prolonged immersion under water.

SPECIFICATIONS

Material Stainless steel
Protection class IP 68
Temp. range -40°C to +100°C
Clamping insert Polyamide 6
Sealing ring Neoprene
Standards RoHS 2 compliant

Stainless steel metric thread cable glands and locknuts



Metric thread cable glands

Part number	Thread size	TD (hole size mm)	TL (length of thread)	Cable range Min-Max Ø (mm)	Pack quantity
CSSG-M12	M 12 x 1.5	12.0	6.0	3.0 - 6.5	1
CSSG-M16	M 16 x 1.5	16.0	7.0	4.0 - 8.0	1
CSSG-M20	M 20 x 1.5	20.0	8.0	6.0 - 12.0	1
CSSG-M25	M 25 x 1.5	25.0	8.0	10.0 - 14.0	1
CSSG-M32	M 32 x 1.5	32.0	9.0	13.0 - 18.0	1
CSSG-M40	M 40 x 1.5	40.0	9.0	18.0 - 25.0	1
CSSG-M50	M 50 x 1.5	50.0	9.0	22.0 - 32.0	1
CSSG-M63	M 63 x 1.5	63.0	14.0	34.0 - 44.0	1



Metric thread lock nuts

Part number	Thread size	Depth (mm)	Pack quantity
CSSGN-M12	M 12 x 1.5	3.3	1
CSSGN-M16	M 16 x 1.5	3.5	1
CSSGN-M20	M 20 x 1.5	3.5	1
CSSGN-M25	M 25 x 1.5	3.5	1
CSSGN-M32	M 32 x 1.5	4.0	1
CSSGN-M40	M 40 x 1.5	4.6	1
CSSGN-M50	M 50 x 1.5	5.6	1
CSSGN-M63	M 63 x 1.5	6.7	1



Cablecraft brass cable gland kits

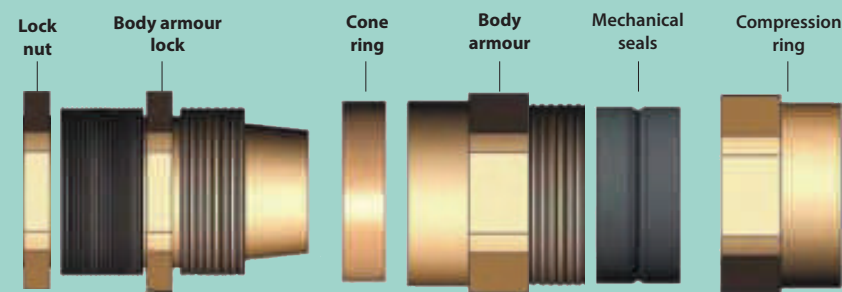


Our brass cable gland kits range from BW, CW and E1W/F types – suitable for Single Wire Armour (SWA) cable; to A1/A2 types suitable for all types of unarmoured cable. The kits contain locknuts, earth tags and shrouds.



BW GLAND	CW GLAND	A1/A2 GLAND	CX GLAND	E1W GLAND
- Armoured cables SWA/AWA - Dry indoor application - No sealing	- Armoured cables SWA - Indoor or outdoor applications - Compression sealing	- Unarmoured cables - Indoor and outdoor applications - Displacement sealing	- Indoor and outdoor applications - Circular, wire braid armour, plastic or rubber sheathed cables - Compression sealing	- Armoured cables SWA and lead sheathed - Indoor and outdoor applications - Compression and displacement sealing
p. 428	p. 429	p. 430	p. 431	p. 432

Cable gland construction



APPROVALS



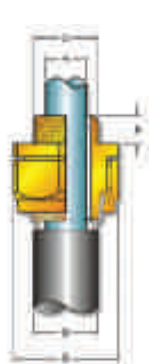
Cablecraft cable glands are approved by UL: BS6121: Part 1. They are tested for cable retention, anchorage (jerk & torque), impact, continuity, insulation and ingress protection.



Cablecraft cable glands conform with the requirements of these EC directives: Low voltage directive 2006/95/EC; and these standards: EN 50262:1999; +A1:2001; +A2:2004 and BS 61211:2005

Cablecraft BW industrial cable gland kit

BW type brass indoor cable glands are ideal for use with all types of Single Wire Armour (SWA) cable providing mechanical cable retention and electrical continuity via armour wire termination. The BW range of industrial cable glands is designed and tested to BS6121: Part 1: 2005.

**KIT CONTENTS**

- 2 x brass glands
- 2 x brass locknuts
- 2 x brass earth tags
- 2 x LSF shrouds: up to 25mm

For sizes 32mm and above, each kit includes 1 of each component.

SPECIFICATIONS

Type BW

Gland material Brass

Finish Plain brass

Cable type Steel wire armour

IP rating IP54

Standards Standard BS6121: Part 1: 2005, RoHS 2 compliant



Cablecraft CW industrial cable gland kit

CW type brass indoor and outdoor cable glands are ideal for use with all types of Single Wire Armour (SWA) cables, providing a seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via armour wire termination. The CW range of industrial cable glands is designed and tested to BS6121: Part 1: 1989, EN 50262: 1999.



A detachable armour cone and clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc.

**KIT CONTENTS**

- 2 x brass glands
- 2 x brass locknuts
- 2 x brass earth tags
- 2 x LSF shrouds for sizes up to 25mm

For sizes 32mm and above, each kit includes 1 of each component.

SPECIFICATIONS

Type CW

Gland material Brass

Finish Plain brass

Cable type Steel wire armour

IP rating IP54

Standards Standard BS6121: Part 1: 1989, EN50262: 1999, RoHS 2 compliant

**Cable gland kit**

Part number	Gland size	Entry thread (C)	Min. thread length (D)	Cable bedding dia. (A) max.	Overall cable dia. (B) max.	ARMOUR RANGE		Across corners (E) max	Pack qty
						Min	Max		
CCG-BW20S	20S	M20	10.0	12.30	17.00	0.9	1.25	24.00	2
CCG-BW20	20	M20	10.0	14.30	20.00	0.9	1.25	27.00	2
CCG-BW25	25	M25	10.0	20.40	27.00	1.25	1.60	38.50	2
CCG-BW32	32	M32	10.0	26.50	33.00	1.60	2.0	45.50	1
CCG-BW40	40	M40	10.0	32.50	43.00	1.60	2.0	54.00	1
CCG-BW50S	50S	M50	15.0	37.80	48.00	2.0	2.5	65.00	1
CCG-BW50	50	M50	15.0	44.00	53.00	2.0	2.5	69.50	1
CCG-BW63	63	M63	15.0	56.50	65.50	2.5	2.5	85.00	1
CCG-BW75	75	M75	15.0	67.50	78.50	2.5	2.5	99.00	1

All dimensions are in mm

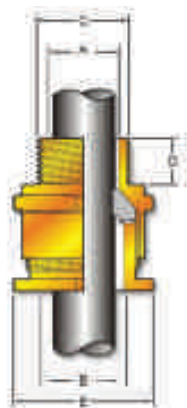
Cable gland kit

Part number	Gland size	Entry thread (C)	Min. thread length (D)	Cable bedding dia. (A) max.	Overall cable dia. (B) max.	Armour range		Across corners (E) max	Pack qty
						Min	Max		
CCG-CW20S	20S	M20	10.0	12.50	17.00	0.15	0.35	29.00	2
CCG-CW20	20	M20	10.0	14.40	20.50	0.15	0.5	29.00	2
CCG-CW25	25	M25	10.0	20.40	27.00	0.15	0.5	38.50	2
CCG-CW32	32	M32	10.0	26.50	33.00	0.15	0.55	46.50	1
CCG-CW40	40	M40	10.0	32.50	40.80	0.2	0.6	54.00	1
CCG-CW50S	50S	M50	15.0	37.80	45.00	0.5	0.8	64.00	1
CCG-CW50	50	M50	15.0	44.00	51.50	0.5	0.8	69.50	1
CCG-CW63S	63S	M63	15.0	50.50	60.50	0.5	0.8	78.00	1
CCG-CW63	63	M63	15.0	56.50	65.50	0.5	0.8	85.00	1
CCG-CW75S	75S	M75	15.0	62.50	72.00	0.5	1.0	95.00	1
CCG-CW75	75	M75	15.0	67.50	78.50	0.5	1.0	112.00	1
CCG-CW90S	90S	M90	20.0	76.00	85.00	0.5	1.0	110.00	1

All dimensions are in mm

Cablecraft A1/A2 industrial cable gland kit

A1/A2 brass indoor and outdoor cable glands are ideal for use with all types of unarmoured cables, providing a mechanical seal on the cable outer sheath. The A1/A2 range of industrial cable glands is designed and tested to BS6121: Part 1: 1989, EN 50262: 1999.

**KIT CONTENTS**

- 2 x brass glands
- 2 x brass locknuts
- 2 x brass earth tags
- 2 x LSF shrouds for sizes up to 25mm

For sizes 32mm and above, each kit includes 1 of each component.

SPECIFICATIONS

Type A1/A2

Gland material Brass

Finish Plain brass

Cable type Unarmoured

IP rating IP66

Standards Standard BS6121: Part 1: 1989, EN50262: 1999, RoHS 2 compliant

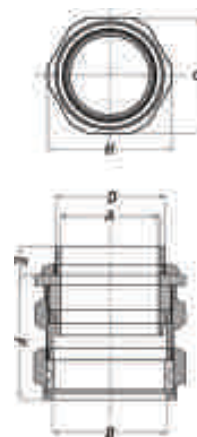
**Cable gland kit**

Part number	Gland size	Entry thread (C)	Min. thread length (D)	Overall cable dia. (A) min	Overall cable dia. (B) max	Across corners (E) max	Pack quantity
CCG-AA20S	20S	M20	10.0	8.00	11.50	25.00	2
CCG-AA20	20	M20	10.0	11.00	14.00	25.00	2
CCG-AA25	25	M25	10.0	17.50	20.40	34.00	2
CCG-AA32	32	M32	10.0	20.00	26.00	40.00	1
CCG-AA40	40	M40	15.0	30.00	33.00	52.00	1
CCG-AA50S	50S	M50	15.0	33.00	38.00	61.00	1
CCG-AA50	50	M50	15.0	38.00	44.00	62.00	1
CCG-AA63S	63S	M63	15.0	44.00	50.50	77.50	1
CCG-AA63	63	M63	15.0	50.00	56.00	77.50	1
CCG-AA75	75	M75	15.0	62.00	68.00	89.00	1
CCG-AA90	90	M90	15.0	66.6	79.4	120.7	1

All dimensions are in mm

Cablecraft CX industrial cable gland kit

CX brass indoor and outdoor cable glands are ideal for use with wire braid armour, strip armour, pliable wire armour and steel tape armour (STA). Mechanical cable retention and electrical continuity are provided via armour wire termination. The range is designed and tested to BS6121: Part 1: 1989, EN 50262: 1999.

**KIT CONTENTS**

- 2 x brass glands
- 2 x brass locknuts
- 2 x brass earth tags
- 2 x LSF shrouds for sizes up to 25mm

For sizes 32mm and above, each kit includes 1 of each component.

SPECIFICATIONS

Type CX

Gland material Brass

Finish Plain brass

Cable type Circular, wire braid armour plastic or rubber sheathed cables

IP rating IP66

Standards Standard BS6121: Part 1: 1989, EN50262: 1999, RoHS 2 compliant

**Cable gland kit**

Part number	Gland size	Entry thread (C)	Min. thread length (D)	Overall cable dia. (B) max.	Armour thickness range (mm)		Across corners (E) max	Pack qty
					Min	Max		
CCG-CX20S	20S	M20	10.0	17.00	0.9	1.25	29.00	2
CCG-CX20	20	M20	10.0	20.50	0.9	1.25	29.00	2
CCG-CX25	25	M25	10.0	27.00	1.25	1.60	38.50	2
CCG-CX32	32	M32	10.0	33.00	1.60	2.0	46.50	1
CCG-CX40	40	M40	15.0	40.80	1.60	2.0	54.00	1
CCG-CX50	50	M50	15.0	51.50	2.0	2.5	69.50	1
CCG-CX63	63	M63	15.0	65.50	2.5	2.5	85.00	1
CCG-CX75	75	M75	15.0	78.50	2.5	2.5	112.00	1

All dimensions are in mm

Cablecraft E1W/F industrial cable gland kit

E1W/F type brass indoor and outdoor cable glands are ideal for use with Single Wire Armour (SWA) cable, providing seal on the cable inner and outer sheaths. The cable gland provides mechanical cable retention and electrical continuity via armour wire termination. Weatherproof and waterproof in most conditions. The range is designed and tested to BS6121: Part 1: 1989, EN 50262: 1999.



A detachable armour cone and clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc.

**KIT CONTENTS**

- 2 x brass glands
- 2 x brass locknuts
- 2 x brass earth tags
- 2 x LSF shrouds for sizes up to 25mm

For sizes 32mm and above, each kit includes 1 of each component.

SPECIFICATIONS

Type E1W/F

Gland material Brass

Finish Plain brass

Cable type Steel wire armour

IP rating IP66

Standards Standard BS6121: Part 1: 1989, EN50262: 1999, RoHS 2 compliant

Cable gland kit

Part number	Gland size	Entry thread (C)	Min. thread length (D)	Cable bedding dia. (A) max.	Overall cable dia. (B) max.	Armour range		Across corners (E) max	Pack qty
						Min	Max		
CCG-E1W16	16	M16	10.0	8.60	13.50	0.9	1.25	23.00	2
CCG-E1W20S	20S	M20	10.0	12.50	15.00	0.9	1.25	28.00	2
CCG-E1W20	20	M20	10.0	14.40	20.50	0.9	1.25	31.00	2
CCG-E1W25S	25S	M25	10.0	17.80	23.80	1.25	1.60	34.00	2
CCG-E1W25	25	M25	10.0	20.40	27.00	1.25	1.60	38.50	2
CCG-E1W32	32	M32	10.0	26.50	33.00	1.60	2.0	46.50	1
CCG-E1W40S	40S	M40	10.0	31.00	37.00	1.60	2.0	50.00	1
CCG-E1W40	40	M40	15.0	32.50	40.80	1.60	2.0	54.00	1
CCG-E1W50	50	M50	15.0	44.00	53.50	2.0	2.5	69.50	1
CCG-E1W63	63	M63	15.0	56.50	65.50	2.5	2.5	85.00	1
CCG-E1W75	75	M75	15.0	67.50	78.50	2.5	2.5	99.00	1

All dimensions are in mm

BW indoor and CW outdoor gland accessories

Fibre sealing washers

**Fibre sealing washers**

Part number	Size	Pack quantity
FW16	M16	1
FW20S	M20S	1
FW20L	M20L	1
FW25	M25	1
FW32	M32	1
FW40	M40	1
FW50	M50	1
FW63	M63	1
FW75	M75	1

Nylon sealing washers

**Nylon sealing washers**

Part number	Size	Pack quantity
NSW16	M16	1
NSW20	M20	1
NSW25	M25	1
NSW32	M32	1
NSW40	M40	1
NSW50	M50	1
NSW63	M63	1
NSW75	M75	1

O-rings

**O-rings**

Part number	Size	Pack quantity
ORJ-12	12	1
ORJ-16	16	1
ORJ-20	20	1
ORJ-25	25	1
ORJ-32	32	1
ORJ-40	40	1
ORJ-50	50	1

Zinc plated serrated washers



Zinc plated serrated washers

Part number	Size (mm)	Pack quantity
M20WSER	20	1
M25WSER	25	1
M32WSER	32	1
M40WSER	40	1
M50WSER	50	1
M63WSER	63	1
M75WSER	75	1

Brass earth rings



Brass earth rings

Part number	Size (mm)	Screw hole (mm)	Pack quantity
ET16	16	6.5	1
ET20	20	6.5	1
ET25	25	6.5	1
ET32	32	12.5	1
ET40	40	12.5	1
ET50	50	12.5	1
ET63	63	12.5	1
ET75	75	12.5	1

Shrouds for BW & CW glands



PVC shrouds

Part number	Size	Pack quantity
SF0	20	1
SF1	20	1
SF2	25	1
SF3	32	1
SF4	40	1
SF5	50	1
SF6	63	1
SF7	75	1



LSF shrouds

Part number	Size	Pack quantity
SF0LS	20	1
SF1LS	20	1
SF2LS	25	1
SF3LS	32	1
SF4LS	40	1
SF5LS	50	1
SF6LS	63	1
SF7LS	75	1



Blanking plugs

Nylon 6.6 metric blanking plugs

A range of Nylon 6.6 blanking plugs from M12 to M63 in size.



SPECIFICATIONS

Material Nylon 6.6

Colours

Grey, Black - 20mm only

IP rating

IP66 (if fitted with sealing washer), RoHS 2 compliant



Metric blanking plugs

Part number	Colour	Thread size	D (mm)	H (mm)	Pack qty
NBP-M12	Grey	M12 x 1.5	15.0	10.5	1
NBP-M16	Grey	M16 x 1.5	20.0	11.5	1
NBP-M20	Grey	M20 x 1.5	24.0	12.5	1
NBP-M20B	Black	M20 x 1.5	24.0	12.5	1
NBP-M25	Grey	M25 x 1.5	30.0	15.0	1
NBP-M32	Grey	M32 x 1.5	37.0	14.0	1
NBP-M40	Grey	M40 x 1.5	46.0	12.5	1
NBP-M50	Grey	M50 x 1.5	56.0	14.0	1
NBP-M63	Grey	M63 x 1.5	69.0	15.0	1

Nylon 6.6 PG blanking plugs

A range of Nylon 6.6 blanking plugs from PG7 to PG36 in size.



SPECIFICATIONS

Material Nylon 6.6

Colours

Grey

IP rating

IP66 (if fitted with sealing washer), RoHS 2 compliant



PG blanking plugs

Part number	Thread type	Colour	D (mm)	H (mm)	Pack qty
NBP-PG7	PG 7	Grey	15.0	8.0	1
NBP-PG9	PG 9	Grey	19.0	8.5	1
NBP-PG11	PG 11	Grey	22.0	8.5	1
NBP-PG13.5	PG 13.5	Grey	25.0	8.5	1
NBP-PG16	PG 16	Grey	27.0	9.0	1
NBP-PG21	PG 21	Grey	33.0	12.0	1
NBP-PG29	PG 29	Grey	44.0	11.5	1
NBP-PG36	PG 36	Grey	55.0	14.0	1

Nylon 6.6 metric hexagonal blanking plugs

A range of Nylon 6.6 hexagonal blanking plugs from M12 to M63 in size.



SPECIFICATIONS

Material
Nylon 6.6

Colours
Grey

IP rating
IP66 (if fitted with sealing washer), RoHS 2 compliant

Metric hexagonal blanking plugs

Part number	Colour	Thread size	D (mm)	H (mm)	Pack qty
NBPH-M12	Grey	M12 x 1.5	17.0	15.0	1
NBPH-M16	Grey	M16 x 1.5	22.0	16.3	1
NBPH-M20	Grey	M20 x 1.5	26.0	17.0	1
NBPH-M25	Grey	M25 x 1.5	32.0	15.8	1
NBPH-M32	Grey	M32 x 1.5	41.5	22.8	1
NBPH-M40	Grey	M40 x 1.5	53.0	26.5	1
NBPH-M50	Grey	M50 x 1.5	63.5	27.5	1
NBPH-M63	Grey	M63 x 1.5	80.0	27.5	1

Brass nickel plate metric blanking plugs

A range of brass blanking plugs from M12 to M63 in size.



SPECIFICATIONS

Material
Brass nickel plate

IP rating
IP66 (if fitted with sealing washer), RoHS 2 compliant

Metric blanking plugs

Part number	Thread size	Min. male thread length (mm)	Pack quantity
BBP-M12	M12	5.0	1
BBP-M16	M16	6.0	1
BBP-M20	M20	6.5	1
BBP-M25	M25	7.0	1
BBP-M32	M32	8.0	1
BBP-M40	M40	8.5	1
BBP-M50	M50	9.0	1
BBP-M63	M63	10.0	1

Adaptors and reducers

Metric to metric reducers

Industrial metric reducers are available in nylon or brass nickel plated and suitable for most applications. IP66 rated if fitted with sealing washer.

SPECIFICATIONS

Material
Nylon
Brass nickel plated

IP rating
IP66 (fitted with sealing washer), RoHS 2 compliant

Metric to metric reducers



Thread		Brass nickel plate reducer			Nylon reducer		
Male thread	Female thread	Brass reducer part number	Min. male thread length (mm)	Pack qty	Nylon reducer part number	Min. male thread length (mm)	Pack qty
M16	M12	RM16M12S	7	1	-	-	1
M20	M16	RM20M16S	7	1	RM20M16N	9	1
M25	M16	RM25M16S	7	1	RM25M16N	10	1
M25	M20	RM25M20S	7	1	RM25M20N	10	1
M32	M20	RM32M20S	10	1	RM32M20N	12	1
M32	M25	RM32M25S	10	1	RM32M25N	12	1
M40	M20	RM40M20S	10	1	RM40M20N	12	1
M40	M25	RM40M25S	10	1	RM40M25N	12	1
M40	M32	RM40M32S	10	1	RM40M32N	12	1
M50	M20	RM50M20S	12	1	RM50M20N	14	1
M50	M25	RM50M25S	12	1	RM50M25N	14	1
M50	M32	RM50M32S	12	1	RM50M32N	14	1
M50	M40	RM50M40S	12	1	RM50M40N	14	1
M63	M20	RM63M20S	12	1	-	-	-
M63	M25	RM63M25S	12	1	-	-	-
M63	M32	RM63M32S	12	1	RM63M32N	15	1
M63	M40	RM63M40S	12	1	RM63M40N	15	1
M63	M50	RM63M50S	12	1	RM63M50N	15	1
M75	M63	RM75M63S	12	1	-	-	-

Metric to metric adaptors

Industrial metric adaptors are available in nylon or brass nickel plated and suitable for most applications. IP66 rated if fitted with sealing washer.

SPECIFICATIONS

Material
Nylon
Brass nickel plated

IP rating
IP66 (fitted with sealing washer)
RoHS 2 compliant

Metric to metric adaptors



Thread		Brass nickel plate adaptor			Nylon adaptor		
Male thread	Female thread	Brass adaptor part number	Min. male thread length (mm)	Pack qty	Nylon adaptor part number	Min. male thread length (mm)	Pack qty
M16	M20	AM16M20S	10	1	AM16M20N	9	1
M20	M25	AM20M25S	10	1	AM20M25N	9	1
M25	M32	AM25M32S	10	1	AM25M32N	9	1
M32	M40	AM32M40S	10	1	AM32M40N	12	1
M40	M50	AM40M50S	10	1	AM40M50N	12	1
M50	M63	AM50M63S	15	1	AM50M63N	14	1
M63	M75	AM63M75S	15	1	-	-	1

PG to metric reducers

Industrial PG reducers are available in nylon or brass nickel plated and suitable for most applications. IP66 rated if fitted with sealing washer.

SPECIFICATIONS

Material
Nylon
Brass nickel plated

IP rating
IP66 (fitted with sealing washer), RoHS 2 compliant

PG to metric reducers



Thread		Brass nickel plate reducer			Nylon reducer		
Male thread	Female thread	Brass reducer part number	Min. male thread length (mm)	Pack qty	Nylon reducer part number	Min. male thread length (mm)	Pack qty
PG16	M20	RPG16M20S	10	1	RPG16M20N	9	1
PG21	M20	RPG21M20S	10	1	-	-	1
PG21	M25	RPG21M25S	10	1	RPG21M25N	11	1
PG29	M20	RPG29M20S	10	1	-	-	1
PG29	M25	RPG29M25S	10	1	-	-	1
PG29	M32	RPG29M32S	10	1	RPG29M32N	11	1
PG36	M25	RPG36M25S	10	1	-	-	1
PG36	M32	RPG36M32S	10	1	-	-	1
PG36	M40	RPG36M40S	10	1	RPG36M40N	12	1
PG42	M32	RPG42M32S	10	1	-	-	1
PG42	M40	RPG42M40S	10	1	RPG42M40N	12	1
PG42	M50	RPG42M50S	10	1	RPG42M50N	12	1
PG48	M32	RPG48M32S	10	1	-	-	1
PG48	M40	RPG48M40S	10	1	-	-	1
PG48	M50	RPG48M50S	10	1	RPG48M50N	15	1

PG to metric adaptors

Industrial metric adaptors are available in nylon or brass nickel plated and suitable for most applications. IP66 rated if fitted with sealing washer.

SPECIFICATIONS

Material
Nylon
Brass nickel plated

IP rating
IP66 (fitted with sealing washer), RoHS 2 compliant

PG to metric adaptors



Thread		Brass nickel plate adaptors			Nylon adaptor		
Male thread	Female thread	Brass adaptor part number	Min. male thread length (mm)	Pack qty	Nylon adaptor part number	Min. male thread length (mm)	Pack qty
PG9	M16	APG9M16S	10	1	APG9M16N	9	1
PG9	M20	APG9M20S	12	1	APG9M20N	9	1
PG11	M16	APG11M16S	12	1	APG11M16N	9	1
PG11	M20	APG11M20S	12	1	APG11M20N	9	1
PG13.5	M16	APG13M16S	12	1	-	-	1
PG13.5	M20	APG13M20S	12	1	APG13M20N	9	1
PG13.5	M25	APG13M25S	12	1	APG13M25N	9	1
PG16	M25	APG16M25S	12	1	APG16M25N	10	1
PG21	M32	APG21M32S	12	1	APG21M32N	11	1
PG29	M40	APG29M40S	12	1	APG29M40N	11	1
PG36	M50	APG36M50S	12	1	APG36M50N	11	1
PG42	M63	APG42M63S	12	1	APG42M63N	11	1

IP ratings explained

FIRST NUMERAL

IP PROTECTION AGAINST SOLID BODIES

0		No protection
1		Protected against solid bodies greater than 50mm (e.g. involuntary hand contact).
2		Protected against solid bodies greater than 12mm (e.g. fingers).
3		Protected against solid bodies greater than 2.5mm (e.g. tools, cables etc).
4		Protected against solid bodies greater than 1.5mm (e.g. small tools, fine cables etc).
5		Protected against dust (no harmful deposits).
6		Fully protected against dust.

SECOND NUMERAL

IP PROTECTION AGAINST LIQUIDS

0		No protection
1		Protected against dripping water (condensation).
2		Protected against falling water up to 15° from the vertical.
3		Protected against rain water up to 60° from the vertical.
4		Protected against water splashing in all directions.
5		Protected against water jets from all directions.
6		Protected against wave like water jets from all directions.
7		Protected against immersion.
8		Protected against the effects of prolonged immersion under water.

THIRD NUMERAL

IK MECHANICAL PROTECTION

0		No protection
1		Impact energy 0.150J
2		Impact energy 0.200J
3		Impact energy 0.350J
4		Impact energy 0.500J
5		Impact energy 0.700J
6		Impact energy 1.00J
7		Impact energy 2.00J
8		Impact energy 5.00J
9		Impact energy 10.00J
10		Impact energy 20.00J