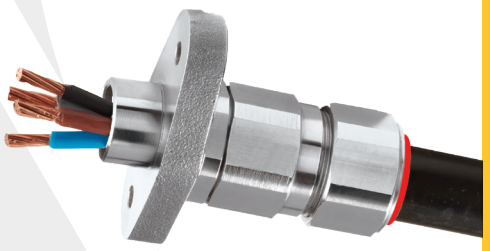
PX2KW/MF

PX2KW/MF MINING, INTERNATIONALLY APPROVED, FLANGED EXPLOSIVE ATMOSPHERE BARRIER CABLE GLAND



FOR ALL TYPES STEEL & ALUMINIUM WIRE ARMOURED CABLES

- Complete with flanged adaptor
- Metal-to-metal armour clamping
- Direct & remote installation
- Compound barrier type flameproof seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60˚C to +85˚C
- Internationally marked, UKEX, IECEx & ATEX
- Superior EMC performance
- Once any cable inner sheath/bedding has been removed, the compound barrier seals directly around the internal cable cores, after the inner sheath/bedding has been removed, completely eliminating any risk of coldflow on all cable types

IP66

EMC

+85˚C / -60˚C

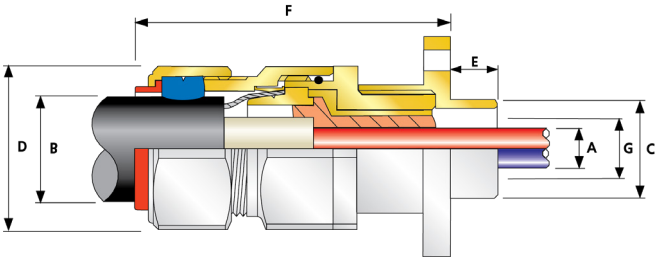
Ex db

TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ELECTRICAL CLASSIFICATIONS*	Category B
INGRESS PROTECTION RATING**	IP66

CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
SEALING TECHNIQUE	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
SEALING AREA(S)	Inner Compound Barrier & Outer Sheath
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel
ARMOUR CLAMPING	Detachable Armour Cone & AnyWay Universal Clamping Ring

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.
See MA/FT, MA/B page for flange mounting dimensions
Alternative flange sizes available upon request
Also available with RapidEx

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1325X, CML18ATEX1332U	IECEx CERTIFICATE	IECEx CML 18.0182X, IECEx CML 18.0189U
UKEX CEERTIFICATE	CML 21UKEX1214X, CML 21UKEX1255U		
CODE OF PROTECTION	Ex I M2 Ex db I Mb	CODE OF PROTECTION	Ex db I Mb
COMPLIANCE STANDARDS	EN 60079-0,1,7	COMPLIANCE STANDARDS	IEC 60079-0,1,7



COMBINED ORDERING REFERENCE (*BRASS METRIC)			MINIMUM SPIGOT LENGTH 'E'	SPIGOT DIAMETER 'C'	NUMBER OF CORES	DIAMETER OVER CONDUCTORS 'A'	CABLE BEDDING DIAMETER 'G'	OVERALL CABLE DIAMETER 'B'		ARMOUR RANGE		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	CABLE GLAND WEIGHT (kgs)
SIZE	TYPE	ORDERING SUFFIX						MIN	MAX	MIN	MAX	MAX	MAX		
20S	PX2KW	1RA/MF	15.0	19.0	21	11.7	11.7	9.5	15.9	0.8	1.25	30.5	33.6	79.1	0.390
20	PX2KW	1RA/MF	15.0	19.0	21	12.6	12.9	12.5	20.9	0.8	1.25	30.5	33.6	80.1	0.400
25S	PX2KW	1RA/MF	15.0	25.4	30	17.5	17.9	14.0	22.0	1.25	1.6	37.5	41.3	90.1	0.620
25	PX2KW	1RA/MF	15.0	25.4	30	17.5	17.9	18.2	26.2	1.25	1.6	37.5	41.3	90.1	0.620
32	PX2KW	1RA/MF	15.0	31.8	38	23.6	23.9	23.7	33.9	1.6	2.0	46.0	50.6	96.2	0.890
40	PX2KW	1RA/MF	15.0	38.1	59	30.0	30.3	27.9	40.4	1.6	2.0	55.0	60.5	102.7	1.190
50S	PX2KW	1RA/MF	15.0	50.8	89	36.6	36.9	35.2	46.7	2.0	2.5	60.0	66.0	106.7	1.640
50	PX2KW	1RA/MF	15.0	50.8	115	41.0	41.3	40.4	53.0	2.0	2.5	70.1	77.1	106.7	1.930
63S	PX2KW	1RA/MF	15.0	63.5	115	47.9	48.4	45.6	59.4	2.0	2.5	75.0	82.5	101.2	2.160
63	PX2KW	1RA/MF	15.0	63.5	115	53.7	54.0	54.6	65.8	2.0	2.5	80.0	88.0	99.3	2.220
75S	PX2KW	1RA/MF	15.0	76.2	140	59.9	60.2	59.0	72.0	2.0	2.5	90.0	99.0	114.3	3.650
75	PX2KW	1RA/MF	15.0	76.2	140	64.2	64.2	66.7	78.4	2.5	3.0	99.0	100.0	115.8	4.100

*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'
Examples: 32PX2KW1RA/MF = Brass, 50SPX2KW1RA/MF5 = Nickel Plated Brass, 25PX2KW1RA/MF4 = Stainless Steel
Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary, please see supplementary technical data sheet.