

Features

- Enclosures manufactured from copper-free aluminum or AISI 316L stainless steel
- Suitable for operation in Zones 1, 2, 21 and 22
- Certified Ex d IIB+H₂ and Ex tb
- More than 40 enclosure size options
- Free configuration of cable entries and terminals for customized terminal boxes
- Wide choice of operators for control stations, including
 - Pushbuttons
 - LED indicators
 - Emergency stop buttons
 - Key-operated pushbuttons
 - Control switches
 - Potentiometers
 - Ammeters
- Customizable configuration of operating elements and cable gland types as per specification
- Integration of electrical components and control elements as per customer specification
- Choice of viewing windows for monitoring instruments

Assembly examples



Function

The EJB series of Ex d IIB+H₂ certified enclosures forms the optimal basis for the application-specific configuration of terminal boxes, control stations as well as control and distribution panels. A wide range of components and control functions can be integrated in one out of more than 40 sizes of Ex d and Ex tb certified flameproof enclosures. They are manufactured from copper-free aluminum with increased corrosion resistance or from high-quality stainless steel. This durability and the comprehensive enclosure sizes cover the requirements of many industries including offshore and marine applications.

A choice of windows allows viewing of integrated monitoring functions. Electrical components can be integrated as per customer specification.

Type code / model number

Type

EJB enclosure Ex d IIB+H₂

: **Material**

: copper-free aluminum
 : **X** stainless steel

: **Enclosure size**

: **0 ... 20A** see dimensions data table

: **Window**

: no window
 : **W...** window with type indication

: **further definition**

: digits for function definition, not fixed

: **Item number**

: Yxxxxxx

EJB			.		-Yxxxxxx
EJB	X	20A	.	W7	- Yxxxxxx (example: EJB size 20A in stainless steel with window type 7)

Technical Data**Electrical specifications**

Operating voltage	660 V DC / 1000 V AC max.
Operating current	1600 A max.

Mechanical Specification

Cover fixing	stainless steel hexagonal socket head cap screw
Protection degree	IP66 (optional variants IP66/67 with O-ring)

Material

Enclosures	copper-free aluminum alloy or AISI 316L (1.4404) stainless steel
Finish	aluminum: epoxy coated grey RAL7005 stainless steel: surface shot-peened
Seal	none, optional O-ring for IP66/67
Weight	see dimension data tables
Grounding	M6 external grounding stud, internal M5 or M6
Window	thermo-resistant tempered glass

Ambient conditions

Ambient temperature	see dimensions data table
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Data for application in connection with Ex-areas

EC-Type Examination Certificate	INERIS 14ATEX0022X (EJB20 / 20A in aluminum: INERIS 10ATEX0035X)
Group, category, type of protection, temperature class	Ⓔ II 2 GD Ex d IIB+H ₂ Gb (EJB20 / 20A in aluminum: Ex d IIB) Ex tb IIIC Db

International approvals

IECEX approval	IECEX INE 14.0029X (for EJB20 / 20A in aluminum pending)
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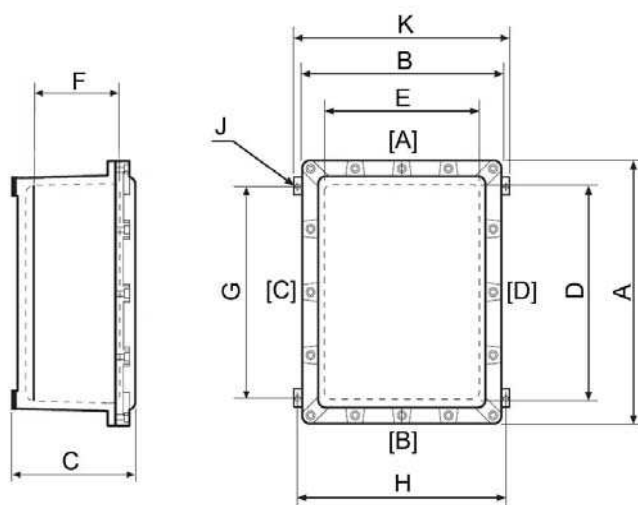
Conformity

Protection degree	EN 60529
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General information

Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com .
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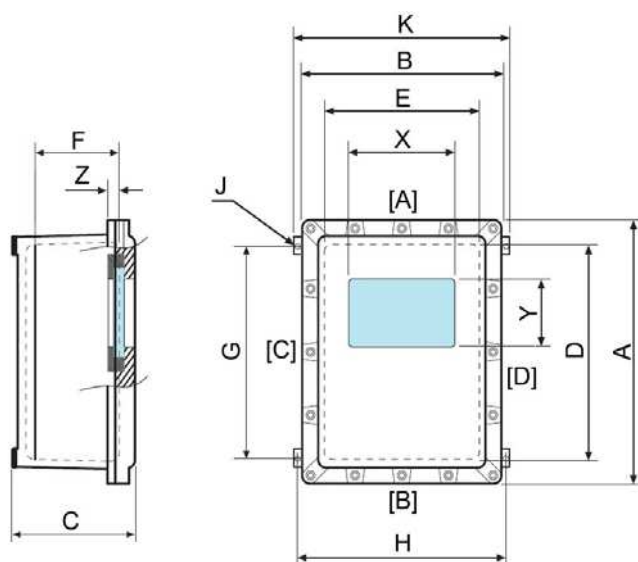
Dimensions EJB*, Aluminum



Legend

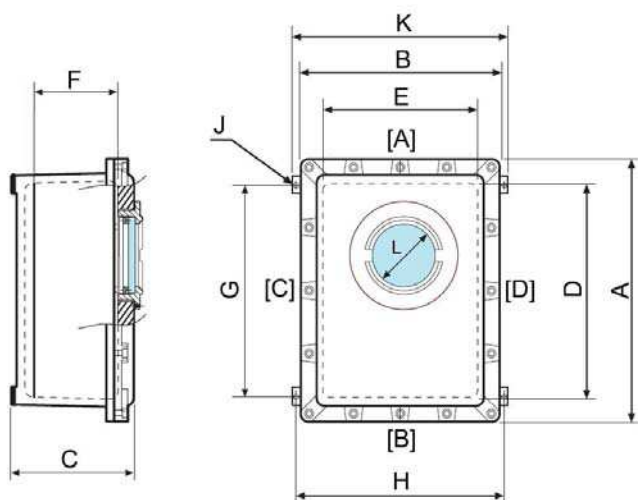
- A - Maximum external dimension, long side
- B - Maximum external dimension, short side
- C - Maximum external dimension, depth including mounting brackets
- D - Internal dimension, long side
- E - Internal dimension, short side
- F - Internal depth to surface of mounting plate
- G - Mounting holes center
- H - Mounting holes center
- J - Mounting holes diameter
- K - Maximum external dimension with mounting brackets
- L - Diameter circular window
- X - Window dimension
- Y - Window dimension
- Z - Window chassis depth 20 ... 35 mm
- [A] ... [D] - Entry faces

Dimensions EJBW*, Aluminum with window



For details see dimensions data tables

Dimensions EJBWG*, Aluminum with circular window



Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Dimensions Data Tables EJB, Aluminum

Type	Dimensions (1) [mm]				Dimensions (1) internal [mm]			Mounting [mm]			Weight approx. (2)	Ambient Temperature (3)		Max. power dissipation (4)
	A	B	C	K	D	E	F	G	H	Diam. J	[kg]	min. °C	max °C	[W]
EJB 0	200	136	150	128	140	75	115	133	108	8	3.5	-50	+60	51
EJB 1	216	175	141	178	156	116	100	148	158	8	5.5	-50	+60	72
EJB 2	220	220	99	226	162	162	65	157	206	8	4.7	-50	+60	72
EJB 2A	220	220	159	226	162	162	130	157	206	8	6.4	-50	+60	104
EJB 3	250	150	118	165	200	100	85	185	145	8	4.7	-50	+60	70
EJB 3A	250	150	146	165	200	100	110	185	145	8	4.8	-50	+60	83
EJB 4	265	225	141	226	200	160	98	188	206	8	8.0	-50	+60	103
EJB 4A	265	225	180	226	200	160	136	188	206	8	8.5	-50	+60	125
EJB 6	308	208	131	216	250	150	96	230	196	8	7.5	-50	+60	116
EJB 6A	308	208	170	216	250	150	130	230	196	8	9.0	-50	+60	139
EJB 8	370	272	173	270	305	205	131	281	250	10	15.6	-50	+60	192
EJB 8A*	370	272	200	270	305	205	156	281	250	10	16.0	-50	+60	211
EJB 8B	370	272	236	270	305	205	189	281	250	10	18.4	-50	+60	236
EJB 9	387	218	149	226	330	160	108	312	206	8	11.3	-50	+60	161
EJB 9A	387	218	179	226	330	160	139	312	206	8	12.7	-50	+60	185
EJB 9B	387	218	255	226	330	160	211	312	206	8	15.3	-50	+60	238
EJB 10	446	336	164	350	372	262	120	345	320	9	19.8	-50	+60	262
EJB 10A	446	336	208	350	372	262	165	345	320	9	20.6	-50	+60	305
EJB 10B	446	336	262	350	372	262	217	345	320	9	25.5	-50	+60	353
EJB 11*	498	418	186	415	400	320	134	363	385	10	30.0	-50	+60	342
EJB 11A	498	418	225	415	400	320	173	363	385	10	32.0	-50	+60	383
EJB 11B	498	418	276	415	400	320	218	363	385	10	37.0	-50	+60	432
EJB 12	500	270	181	275	433	200	135	404	245	9	18.6	-50	+60	264
EJB 13	510	310	208	318	430	230	158	398	290	10	21.9	-50	+60	312
EJB 13A	510	310	258	318	430	230	213	398	290	10	24.6	-50	+60	365
EJB 14	580	330	170	336	500	250	126	473	306	10	23.5	-50	+60	335
EJB 14A	580	330	219	336	500	250	174	473	306	10	28.1	-50	+60	390
EJB 15	580	430	226	460	500	350	172	460	430	11	40.8	-50	+60	481
EJB 15A	580	430	282	460	500	350	221	460	430	11	52.0	-50	+60	540
EJB 16	574	182	131	178	512	120	90	496	158	8	11.4	-50	+60	181
EJB 17	658	485	261	494	570	397	200	550	464	11	52.5	-20	+60	745
EJB 17A	658	485	373	494	570	397	315	550	464	11	70.0	-20	+60	746
EJB 17Q*	630	630	362	613	500	500	278	453	583	11	85.0	-20	+60	593
EJB 18	727	515	224	535	638	428	161	590	505	11	61.4	-20	+60	629
EJB 18A	727	515	279	535	638	428	213	590	505	11	74.4	-20	+60	707
EJB 18B	727	515	384	535	638	428	317	590	505	11	91.7	-20	+60	864
EJB 19	728	378	199	384	650	300	141	610	354	11	43.6	-50	+60	492
EJB 19A	728	378	259	384	650	300	208	610	354	11	46.0	-50	+60	556
EJB 20 (5)	912	662	330	670	800	550	240	697	630	14	132.0	-20	+60	750
EJB 20A (5)	912	662	461	670	800	550	368	697	630	14	157.0	-20	+60	750

(*) Enclosures available in IP66/67 with O-ring, dimensions A and B will slightly increase with IP66/67

(1) Real values might differ slightly due to casting tolerances, depth F to surface of installed mounting plate

(2) Weight shows empty enclosures, it will increase according to installed components

(3) Valid for empty enclosures, engineered solutions might deviate due to integrated components

(4) Max. Power dissipation at T4/+40 °C, enclosures without windows

(5) Gas group IIB

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Enclosure Entries EJB - maximum quantity per size

Type	Cable gland quantity - face A/B								Cable gland quantity - face C/D							
	M20	M25	M32	M42	M50	M63	M75	M85	M20	M25	M32	M42	M50	M63	M75	M85
	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"
EJB 0	4	3	1	1	1	1	-	-	5	4	3	2	2	1	-	-
EJB 1	5	4	2	2	1	1	-	-	6	5	4	2	2	1	-	-
EJB 2	4	3	2	-	-	-	-	-	4	3	2	-	-	-	-	-
EJB 2A	8	8	5	3	2	2	1	-	8	8	5	3	2	2	1	-
EJB 3	4	2	2	1	1	-	-	-	7	4	4	3	3	-	-	-
EJB 3A	5	4	3	2	1	1	-	-	8	8	5	3	3	2	-	-
EJB 4	5	4	3	2	2	1	-	-	6	5	3	3	2	2	-	-
EJB 4A	6	5	4	4	3	2	-	-	8	6	5	5	4	2	-	-
EJB 6	5	5	3	2	2	1	-	-	9	9	5	4	3	3	-	-
EJB 6A	8	8	5	3	2	2	1	1	14	14	8	5	5	3	2	2
EJB 8	10	8	6	5	4	2	1	1	12	12	10	7	5	3	2	2
EJB 8A*	11	11	6	5	5	2	2	1	15	14	10	8	7	3	3	2
EJB 8B	12	12	9	8	6	3	2	1	17	15	14	11	8	5	3	2
EJB 9	5	5	4	4	3	2	-	-	9	9	6	5	4	3	-	-
EJB 9A	8	6	6	4	4	2	1	1	12	12	9	7	5	3	3	2
EJB 9B	12	10	9	5	5	2	2	1	22	18	12	11	8	6	4	3
EJB 10	10	8	7	5	4	3	2	-	12	12	9	6	5	4	3	-
EJB 10A	10	10	8	6	5	3	2	2	14	14	10	8	7	4	3	2
EJB 10B	12	12	11	8	6	4	3	2	18	18	15	11	8	5	4	3
EJB 11*	12	12	9	5	4	3	3	-	16	16	13	6	5	4	3	-
EJB 11A	14	14	1	7	5	4	3	2	20	20	13	9	7	5	3	3
EJB 11B	18	18	14	8	8	5	3	2	21	21	17	10	10	7	4	3
EJB 12	11	11	8	5	4	2	2	1	20	20	12	11	7	4	4	3
EJB 13	11	11	8	6	5	3	2	2	23	23	14	11	9	5	4	3
EJB 13A	15	12	9	8	8	4	2	2	24	24	17	11	11	6	5	3
EJB 14	10	10	8	5	4	3	2		18	18	15	8	7	5	4	-
EJB 14A	15	14	11	6	5	3	2	2	27	26	20	12	11	6	4	3
EJB 15	17	17	10	8	7	4	3	2	23	23	14	10	10	5	4	3
EJB 15A	18	18	11	8	8	5	3	3	24	24	17	12	12	7	5	3
EJB 16	5	5	3	2	2	1	-	-	17	17	9	6	6	4	-	-
EJB 17	21	21	12	10	10	5	4	3	27	27	20	13	13	7	5	4
EJB 17A	24	24	18	12	11	8	6	5	32	32	21	18	17	14	8	5
EJB 17Q*	30	22	18	17	14	8	7	5	30	22	18	17	14	8	7	5
EJB 18	14	12	12	10	8	5	3	3	20	20	16	15	13	7	5	3
EJB 18A	21	21	17	14	9	7	5	3	30	30	23	20	17	10	6	5
EJB 18B	24	24	18	15	15	11	6	5	36	36	30	26	18	14	8	8
EJB 19	10	10	8	7	5	3	2	2	20	20	16	13	11	6	5	4
EJB 19A	15	15	11	8	6	5	3	2	27	27	23	20	4	9	7	5
EJB 20	12	12	12	10	10	5	3	2	20	20	16	16	12	6	4	4
EJB 20A	18	18	15	12	10	6	4	4	24	24	20	20	12	8	8	8

Metric ISO pitch 1.5 mm, NPT ANSI ASME B1.20.1

For types of cable glands and combination of different gland sizes please contact Pepperl+Fuchs

Enclosure Entries EJB - maximum quantity per size

Type	Entries quantity for operators - cover			Cable gland quantity - bottom				
	M12 1/4"	M20 1/2"	M32 1"	M20 1/2"	M25 3/4"	M32 1"	M42 1.1/4"	M50 1.1/2"
EJB 0	4	3	3	2	2	1	-	-
EJB 1	6	6	6	2	2	1	-	-
EJB 2	9	9	5	2	2	2	-	-
EJB 2A	9	9	5	2	2	2	-	-
EJB 3	8	8	6	2	2	1	-	-
EJB 3A	8	8	6	2	2	1	-	-
EJB 4	20	16	9	2	2	2	-	-
EJB 4A	20	16	9	2	2	2	-	-
EJB 6	15	15	8	3	3	2	-	-
EJB 6A	15	15	8	3	3	2	-	-
EJB 8	20	20	12	4	4	3	-	-
EJB 8A*	20	20	12	4	4	3	-	-
EJB 8B	20	20	12	4	4	3	-	-
EJB 9	18	18	10	4	4	3	-	-
EJB 9A	18	18	10	4	4	3	-	-
EJB 9B	18	18	10	4	4	3	-	-
EJB 10	20	20	16	4	4	3	1	1
EJB 10A	20	20	16	4	4	3	1	1
EJB 10B	20	20	16	4	4	3	1	1
EJB 11*	28	28	24	5	5	4	2	2
EJB 11A	28	28	24	5	5	4	2	2
EJB 11B	28	28	24	5	5	4	2	2
EJB 12	20	20	16	4	4	3	1	1
EJB 13	21	21	18	4	4	3	1	1
EJB 13A	21	21	18	4	4	3	1	1
EJB 14	32	32	20	5	5	3	1	1
EJB 14A	32	32	20	5	5	3	1	1
EJB 15	40	40	30	6	6	4	3	2
EJB 15A	40	40	30	6	6	4	3	2
EJB 16	18	18	14	4	4	3	1	1
EJB 17	35	35	24	6	6	5	3	3
EJB 17A	35	35	24	6	6	5	3	3
EJB 17Q*	42	42	28	6	6	5	3	3
EJB 18	45	45	32	6	6	5	3	3
EJB 18A	45	45	32	6	6	5	3	3
EJB 18B	45	45	32	6	6	5	3	3
EJB 19	35	35	28	6	6	5	3	3
EJB 19A	35	35	28	6	6	5	3	3
EJB 20	35	35	35	6	6	5	3	3
EJB 20A	35	35	35	6	6	5	3	3

Metric ISO pitch 1.5 mm, NPT ANSI ASME B1.20.1

For types of cable glands and combination of different gland sizes please contact Pepperl+Fuchs

EJBW Rectangular Windows

Type	W0 75x75 mm		W1 105x75 mm		W2 150x105 mm		W2A 180x40 mm		W3 210x150 mm		W3A 200x200 mm		W4 300x50 mm		W5 300x210 mm		W6 300x80 mm		W7 120x108 mm	
	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V
EJB 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 2	x	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 2A	x	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 3A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 4	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 4A	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 6A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 8	x	x	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	x	x
EJB 8A*	x	x	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	x	x
EJB 8B	x	x	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	x	x
EJB 9	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 9A	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 9B	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EJB 10	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	-	-	-	x	x
EJB 10A	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	-	-	-	x	x
EJB 10B	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	-	-	-	x	x
EJB 11*	x	x	x	x	x	x	x	x	x	-	x	x	-	x	-	x	-	x	x	x
EJB 11A	x	x	x	x	x	x	x	x	x	-	x	x	-	x	-	x	-	x	x	x
EJB 11B	x	x	x	x	x	x	x	x	x	-	x	x	-	x	-	x	-	x	x	x
EJB 12	x	x	x	x	-	x	-	-	-	-	-	-	x	-	-	-	-	x	-	x
EJB 13	x	x	x	x	-	x	-	x	-	-	-	-	x	-	-	-	-	x	x	x
EJB 13A	x	x	x	x	-	x	-	x	-	-	-	-	x	-	-	-	-	x	x	x
EJB 14	x	x	x	x	x	x	-	x	-	-	-	-	x	-	-	-	-	x	x	x
EJB 14A	x	x	x	x	x	x	-	x	-	-	-	-	x	-	-	-	-	x	x	x
EJB 15	x	x	x	x	x	x	x	x	x	x	x	x	-	x	-	x	-	x	x	x
EJB 15A	x	x	x	x	x	x	x	x	x	x	x	x	-	x	-	x	-	x	x	x
EJB 16	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-
EJB 17	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
EJB 17A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
EJB 17Q*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
EJB 18	x	x	x	x	x	x	x	x	x	-	-	-	x	-	-	-	-	-	x	x
EJB 18A	x	x	x	x	x	x	x	x	x	-	-	-	x	-	-	-	-	-	x	x
EJB 18B	x	x	x	x	x	x	x	x	x	-	-	-	x	-	-	-	-	-	x	x
EJB 19	x	x	x	x	x	x	x	x	x	x	x	x	x	x	-	x	-	x	x	x
EJB 19A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	-	x	-	x	x	x
EJB 20 (5)	x	x	x	x	x	x	x	x	x	-	-	-	x	-	-	-	-	-	x	x
EJB 20A (5)	x	x	x	x	x	x	x	x	x	-	-	-	x	-	-	-	-	-	x	x

(*) Enclosures available in IP66/67 with O-ring

H = Horizontal window, V = Vertical window

(5) Gas group IIB

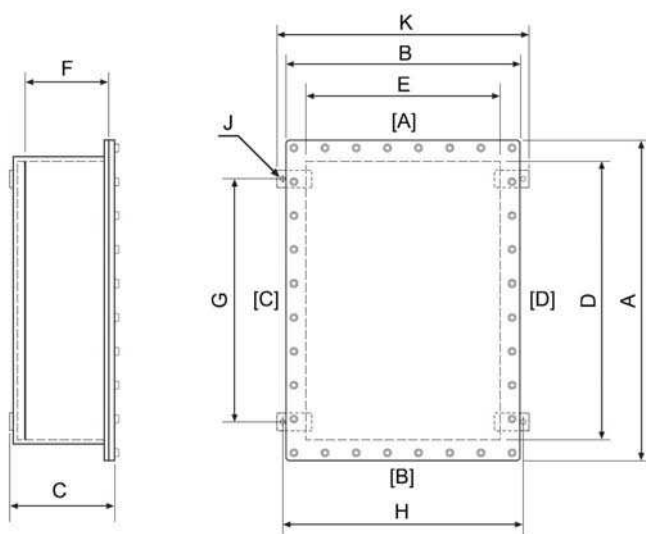
EJBWG Circular Windows

Type	WGS 50 mm diam.	WG00 63 mm diam.	WG0 79 mm diam.	WG1 121 mm diam.	WG2/3 160 mm diam.	WG3L 260 mm diam.
EJB 0	-	-	-	-	-	-
EJB 1	-	-	-	-	-	-
EJB 2	x	-	-	-	-	-
EJB 2A	x	-	-	-	-	-
EJB 3	-	-	-	-	-	-
EJB 3A	-	-	-	-	-	-
EJB 4	x	-	-	-	-	-
EJB 4A	x	-	-	-	-	-
EJB 6	-	-	-	-	-	-
EJB 6A	-	-	-	-	-	-
EJB 8	x	x	x	-	-	-
EJB 8A*	x	x	x	-	-	-
EJB 8B	x	x	x	-	-	-
EJB 9	x	-	-	-	-	-
EJB 9A	x	-	-	-	-	-
EJB 9B	x	-	-	-	-	-
EJB 10	x	x	x	x	-	-
EJB 10A	x	x	x	x	-	-
EJB 10B	x	x	x	x	-	-
EJB 11*	x	x	x	x	x	-
EJB 11A	x	x	x	x	x	-
EJB 11B	x	x	x	x	x	-
EJB 12	x	x	-	-	-	-
EJB 13	x	x	x	-	-	-
EJB 13A	x	x	x	-	-	-
EJB 14	x	x	x	-	-	-
EJB 14A	x	x	x	-	-	-
EJB 15	x	x	x	x	x	-
EJB 15A	x	x	x	x	x	-
EJB 16	-	-	-	-	-	-
EJB 17	x	x	x	x	x	x
EJB 17A	x	x	x	x	x	x
EJB 17Q*	x	x	x	x	x	x
EJB 18	x	x	x	x	x	-
EJB 18A	x	x	x	x	x	-
EJB 18B	x	x	x	x	x	-
EJB 19	x	x	x	x	x	-
EJB 19A	x	x	x	x	x	-
EJB 20 (5)	x	x	x	x	x	-
EJB 20A (5)	x	x	x	x	x	-

(*) Enclosures available in IP66/67 with O-ring

(5) Gas group IIB

Dimensions EJBX*, Stainless Steel

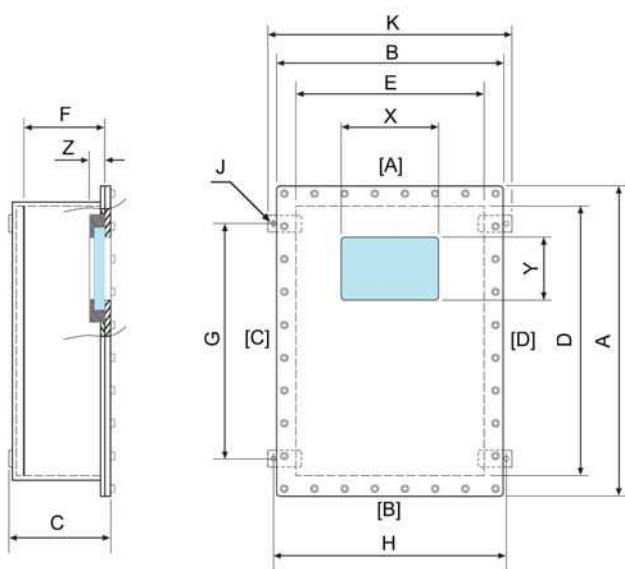


Legend

- A - Maximum external dimension, long side
- B - Maximum external dimension, short side
- C - Maximum external dimension, depth including mounting brackets
- D - Internal dimension, long side
- E - Internal dimension, short side
- F - Internal depth to surface of mounting plate
- G - Mounting holes center
- H - Mounting holes center
- J - Mounting holes diameter
- K - Maximum external dimension with mounting brackets
- X - Window dimension
- Y - Window dimension
- Z - Window chassis depth 20 ... 25 mm
- [A] ... [D] - Entry faces

For details see dimensions data tables

Dimensions EJBXW*, Stainless Steel with window



Dimensions Data Tables EJBX, Stainless Steel

Type	Dimensions (1) [mm]				Dimensions (1) internal [mm]			Mounting [mm]			Weight approx. (2)	Ambient Temperature (3)		Max. power dissipation (4)
	A	B	C	K	D	E	F	G	H	Diam. J	[kg]	min. °C	max °C	[W]
EJBX 0	196	131	141	128	140	75	110	133	108	8	7.0	-50	+60	51
EJBX 1	213	173	141	178	155	115	110	148	158	8	9.5	-50	+60	72
EJBX 2	218	218	86	226	160	160	55	157	206	8	10.0	-50	+60	72
EJBX 2A	218	218	156	226	160	160	125	157	206	8	12.0	-50	+60	104
EJBX 3	250	150	121	165	200	100	90	185	145	8	10.0	-50	+60	70
EJBX 3A	250	150	156	165	200	100	125	185	145	8	11.0	-50	+60	83
EJBX 4	260	220	140	226	200	160	105	188	206	8	15.5	-50	+60	103
EJBX 4A	260	220	180	226	200	160	145	188	206	8	17.0	-50	+60	125
EJBX 5	260	190	121	195	200	130	90	178	175	8	12.0	-50	+60	87
EJBX 6	308	208	135	216	250	150	100	233	196	8	17.5	-50	+60	116
EJBX 6A	308	208	170	216	250	150	135	233	196	8	19.0	-50	+60	139
EJBX 8	368	268	177	270	300	200	140	282	250	10	27.0	-50	+60	192
EJBX 8A	368	268	197	270	300	200	160	282	250	10	33.0	-50	+60	211
EJBX 8B	368	268	232	270	300	200	195	282	250	10	36.0	-50	+60	236
EJBX 9	386	216	150	226	330	160	115	280	206	10	23.0	-50	+60	161
EJBX 9A	386	216	180	226	330	160	145	280	206	10	25.0	-50	+60	185
EJBX 9B	386	216	257	226	330	160	220	280	206	10	37.0	-50	+60	238
EJBX 10	448	338	157	350	370	260	120	345	320	10	42.0	-50	+60	262
EJBX 10A	448	338	208	350	370	260	170	345	320	10	46.5	-50	+60	305
EJBX 10B	448	338	263	350	370	260	225	345	320	10	66.0	-50	+60	353
EJBX 11	486	406	178	415	400	320	140	363	385	10	55.0	-50	+60	342
EJBX 11A	486	406	218	415	400	320	180	363	385	10	73.0	-50	+60	383
EJBX 11B	486	406	268	415	400	320	230	363	385	10	80.0	-50	+60	432
EJBX 12	498	263	173	275	430	195	135	404	245	10	40.0	-50	+60	264
EJBX 13	506	306	208	318	430	230	170	398	290	10	49.0	-50	+60	312
EJBX 13A	506	306	258	318	430	230	220	398	290	10	67.0	-50	+60	365
EJBX 14	576	326	168	336	500	250	130	473	306	10	53.0	-50	+60	335
EJBX 14A	576	326	223	336	500	250	185	473	306	10	73.0	-50	+60	390
EJBX 15	576	426	223	460	500	350	180	462	430	12	89.0	-50	+60	481
EJBX 15A	576	426	265	460	500	350	220	462	430	12	96.0	-50	+60	540
EJBX 15B	576	426	145	460	500	350	100	462	430	12	75.0	-50	+60	394
EJBX 16	577	182	125	178	515	120	90	496	158	10	32.0	-50	+60	181
EJBX 17	660	490	248	494	570	400	200	550	464	14	130.0	-50	+60	745
EJBX 17A	660	490	363	494	570	400	315	550	464	14	145.0	-50	+60	746
EJBX 17Q	592	592	318	613	500	500	270	453	583	14	143.0	-50	+60	593
EJBX 18	732	522	206	535	640	430	160	590	505	14	133.0	-50	+60	629
EJBX 18A	732	522	266	535	640	430	220	590	505	14	145.0	-50	+60	707
EJBX 18B	732	522	366	535	640	430	320	590	505	14	167.0	-50	+60	864
EJBX 19	726	376	188	384	650	300	140	610	354	14	97.0	-50	+60	492
EJBX 19A	726	376	258	384	650	300	210	610	354	14	110.0	-50	+60	556
EJBX 20 (5)	920	670	307	670	800	550	250	697	630	16	270.0	-50	+60	1616
EJBX 20A (5)	920	670	437	670	800	550	380	697	630	16	320.0	-50	+60	1616

All enclosures available in IP66/67 with O-ring, dimensions A and B will slightly increase with IP66/67

(1) Real values might differ slightly due to manufacturing tolerances, depth F to surface of installed mounting plate

(2) Weight shows empty enclosures, it will increase according to installed components

(3) Valid for empty enclosures, engineered solutions might deviate due to integrated components

(4) Max. Power dissipation at T4/+40 °C, enclosures without windows (5) Gas group IIB

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Enclosure Entries EJBX - maximum quantity per size

Type	Cable gland quantity - face A/B								Cable gland quantity face - C/D							
	M20 1/2"	M25 3/4"	M32 1"	M42 1.1/4"	M50 1.1/2"	M63 2"	M75 2.1/2"	M85 3"	M20 1/2"	M25 3/4"	M32 1"	M42 1.1/4"	M50 1.1/2"	M63 2"	M75 2.1/2"	M85 3"
EJBX 0	4	3	1	1	1	1	-	-	5	4	3	2	2	1	-	-
EJBX 1	5	4	2	2	1	1	-	-	6	5	4	2	2	1	-	-
EJBX 2	4	3	2	-	-	-	-	-	4	3	2	-	-	-	-	-
EJBX 2A	8	8	5	3	2	2	1	-	8	8	5	3	2	2	1	-
EJBX 3	4	2	2	1	1	-	-	-	7	4	4	3	3	-	-	-
EJBX 3A	5	4	3	2	1	1	-	-	8	8	5	3	3	2	-	-
EJBX 4	5	4	3	2	2	1	-	-	6	5	3	3	2	2	-	-
EJBX 4A	6	5	4	4	3	2	-	-	8	6	5	5	4	2	-	-
EJBX 5	5	4	2	2	2	-	-	-	9	7	4	3	3	-	-	-
EJBX 6	5	5	3	2	2	1	-	-	9	9	5	4	3	3	-	-
EJBX 6A	8	8	5	3	2	2	1	1	14	14	8	5	5	3	2	2
EJBX 8	10	8	6	5	4	2	1	1	12	12	10	7	5	3	2	2
EJBX 8A	11	11	6	5	5	2	2	1	15	14	10	8	7	3	3	2
EJBX 8B	12	12	9	8	6	3	2	1	17	15	14	11	8	5	3	2
EJBX 9	5	5	4	4	3	2	-	-	9	9	6	5	4	3	-	-
EJBX 9A	8	6	6	4	4	2	1	1	12	12	9	7	5	3	3	2
EJBX 9B	12	10	9	5	5	2	2	1	22	18	12	11	8	6	4	3
EJBX 10	10	8	7	5	4	3	2	-	12	12	9	6	5	4	3	-
EJBX 10A	10	10	8	6	5	3	2	2	14	14	10	8	7	4	3	2
EJBX 10B	12	12	11	8	6	4	3	2	18	18	15	11	8	5	4	3
EJBX 11	12	12	9	5	4	3	3	-	16	16	13	6	5	4	3	-
EJBX 11A	14	14	10	7	5	4	3	2	20	20	13	9	7	5	3	3
EJBX 11B	18	18	14	8	8	5	3	2	21	21	17	10	10	7	4	3
EJBX 12	11	11	8	5	4	2	2	1	20	20	12	11	7	4	4	3
EJBX 13	11	11	8	6	5	3	2	2	23	23	14	11	9	5	4	3
EJBX 13A	15	12	9	8	8	4	2	2	24	24	17	11	11	6	5	3
EJBX 14	10	10	8	5	4	3	2	-	18	18	15	8	7	5	4	-
EJBX 14A	15	14	11	6	5	3	2	2	27	26	20	12	11	6	4	3
EJBX 15	17	17	10	8	7	4	3	2	23	23	14	10	10	5	4	3
EJBX 15A	18	18	11	8	8	5	3	3	24	24	17	12	12	7	5	3
EJBX 15B	10	10	6	5	4	-	-	-	14	14	10	7	6	-	-	-
EJBX 16	5	5	3	2	2	1	-	-	17	17	9	6	6	4	-	-
EJBX 17	21	21	12	10	10	5	4	3	27	27	20	13	13	7	5	4
EJBX 17A	24	24	18	12	11	8	6	5	32	32	21	18	17	14	8	5
EJBX 17Q	30	22	18	17	1	8	7	5	30	22	18	17	14	8	7	5
EJBX 18	14	12	12	10	8	5	3	3	20	20	16	15	13	7	5	3
EJBX 18A	21	21	17	14	9	7	5	3	30	30	23	20	17	10	6	5
EJBX 18B	24	24	18	15	15	11	6	5	36	36	30	26	18	14	8	8
EJBX 19	10	10	8	7	5	3	2	2	20	20	16	13	11	6	5	4
EJBX 19A	15	15	11	8	6	5	3	2	27	27	23	20	14	9	7	5
EJBX 20	40	34	24	10	10	5	3	2	60	50	36	16	12	6	4	4
EJBX 20A	67	54	40	12	10	6	4	4	102	78	60	20	12	8	8	8

Metric ISO pitch 1.5 mm, NPT ANSI ASME B1.20.1

For types of cable glands and combination of different gland sizes please contact Pepperl+Fuchs

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Enclosure Entries EJBX - maximum quantity per size

Type	Entries quantity for operators - cover		
	M12 1/4"	M20 1/2"	M32 1"
EJBX 0	4	3	3
EJBX 1	6	6	6
EJBX 2	9	9	5
EJBX 2A	9	9	5
EJBX 3	8	8	6
EJBX 3A	8	8	6
EJBX 4	20	16	9
EJBX 4A	20	16	9
EJBX 5	12	12	8
EJBX 6	15	15	8
EJBX 6A	15	15	8
EJBX 8	20	20	12
EJBX 8A	20	20	12
EJBX 8B	20	20	12
EJBX 9	18	18	10
EJBX 9A	18	18	10
EJBX 9B	18	18	10
EJBX 10	20	20	16
EJBX 10A	20	20	16
EJBX 10B	20	20	16
EJBX 11	28	28	24
EJBX 11A	28	28	24
EJBX 11B	28	28	24
EJBX 12	20	20	16
EJBX 13	21	21	18
EJBX 13A	21	21	18
EJBX 14	32	32	20
EJBX 14A	32	32	20
EJBX 15	40	40	30
EJBX 15A	40	40	30
EJBX 15B	40	40	30
EJBX 16	18	18	14
EJBX 17	35	35	24
EJBX 17A	35	35	24
EJBX 17Q	42	42	28
EJBX 18	45	45	32
EJBX 18A	45	45	32
EJBX 18B	45	45	32
EJBX 19	35	35	28
EJBX 19A	35	35	28
EJBX 20	60	60	60
EJBX 20A	60	60	60

Metric ISO pitch 1.5 mm, NPT ANSI ASME B1.20.1

For types of cable glands and combination of different gland sizes please contact Pepperl+Fuchs

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EJBXW Rectangular Windows

Type	W0 75x75 mm		W1 105x75 mm		W2 150x105 mm		W2A 180x40 mm		W7 120x108 mm	
	H	V	H	V	H	V	H	V	H	V
EJBX 0	-	-	-	-	-	-	-	-	-	-
EJBX 1	-	-	-	-	-	-	-	-	-	-
EJBX 2	x	x	-	-	-	-	-	-	-	-
EJBX 2A	x	x	-	-	-	-	-	-	-	-
EJBX 3	-	-	-	-	-	-	-	-	-	-
EJBX 3A	-	-	-	-	-	-	-	-	-	-
EJBX 4	x	x	-	x	-	-	-	-	-	-
EJBX 4A	x	x	-	x	-	-	-	-	-	-
EJBX 5	-	-	-	-	-	-	-	-	-	-
EJBX 6	-	-	-	-	-	-	-	-	-	-
EJBX 6A	-	-	-	-	-	-	-	-	-	-
EJBX 8	x	x	x	x	-	x	-	-	x	x
EJBX 8A	x	x	x	x	-	x	-	-	x	x
EJBX 8B	x	x	x	x	-	x	-	-	x	x
EJBX 9	x	x	-	x	-	-	-	-	-	-
EJBX 9A	x	x	-	x	-	-	-	-	-	-
EJBX 9B	x	x	-	x	-	-	-	-	-	-
EJBX 10	x	x	x	x	x	x	-	x	x	x
EJBX 10A	x	x	x	x	x	x	-	x	x	x
EJBX 10B	x	x	x	x	x	x	-	x	x	x
EJBX 11	x	x	x	x	x	x	x	x	x	x
EJBX 11A	x	x	x	x	x	x	x	x	x	x
EJBX 11B	x	x	x	x	x	x	x	x	x	x
EJBX 12	x	x	x	x	-	x	-	-	-	x
EJBX 13	x	x	x	x	-	x	-	-	x	x
EJBX 13A	x	x	x	x	-	x	-	-	x	x
EJBX 14	x	x	x	x	x	x	-	x	x	x
EJBX 14A	x	x	x	x	x	x	-	x	x	x
EJBX 15	x	x	x	x	x	x	x	x	x	x
EJBX 15A	x	x	x	x	x	x	x	x	x	x
EJBX 15B	x	x	x	x	x	x	x	x	x	x
EJBX 16	-	-	-	-	-	-	-	-	-	-
EJBX 17	x	x	x	x	x	x	x	x	x	x
EJBX 17A	x	x	x	x	x	x	x	x	x	x
EJBX 17Q	x	x	x	x	x	x	x	x	x	x
EJBX 18	x	x	x	x	x	x	x	x	x	x
EJBX 18A	x	x	x	x	x	x	x	x	x	x
EJBX 18B	x	x	x	x	x	x	x	x	x	x
EJBX 19	x	x	x	x	x	x	x	x	x	x
EJBX 19A	x	x	x	x	x	x	x	x	x	x
EJBX 20 (5)	x	x	x	x	x	x	x	x	x	x
EJBX 20A (5)	x	x	x	x	x	x	x	x	x	x

All enclosures available in IP66/67 with O-ring

H = Horizontal window, V = Vertical window

(5) Gas group IIB

Solution Examples

