Drawings

ROTA*MASS* Total Insight
Coriolis Mass Flow and Density Meter
Giga

SD 01U10B03-00EN-R

Table of contents

1 Process connections, dimensions and weights of sensor

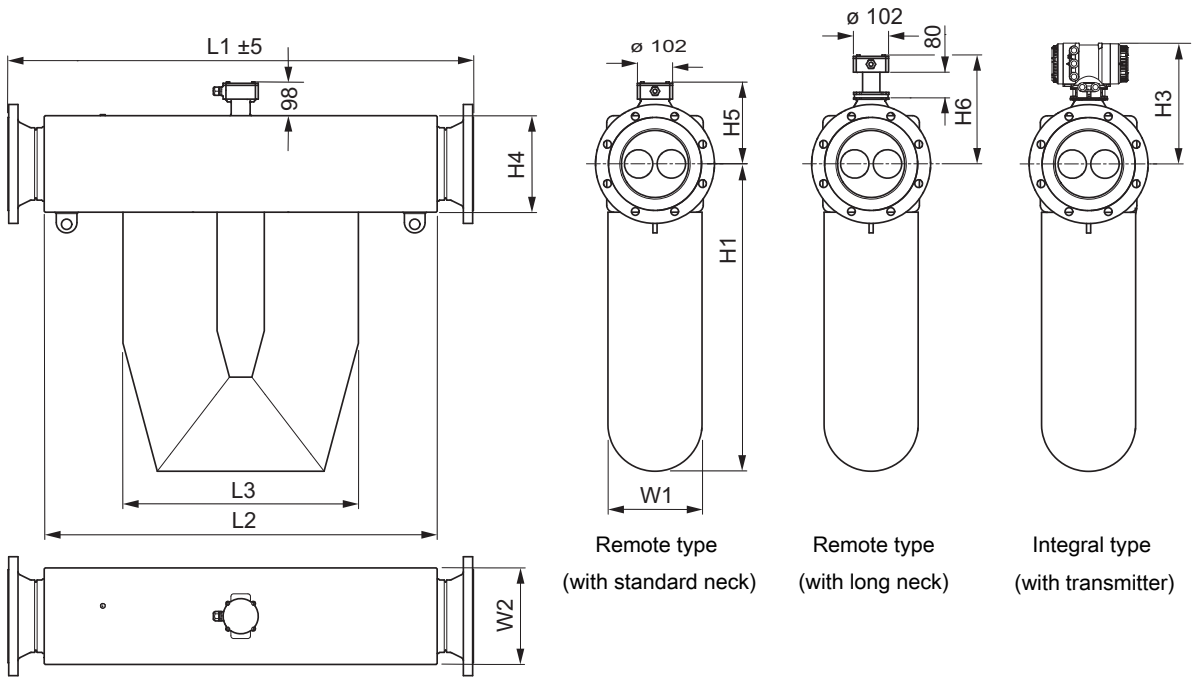


Fig. 1: Dimensions in mm

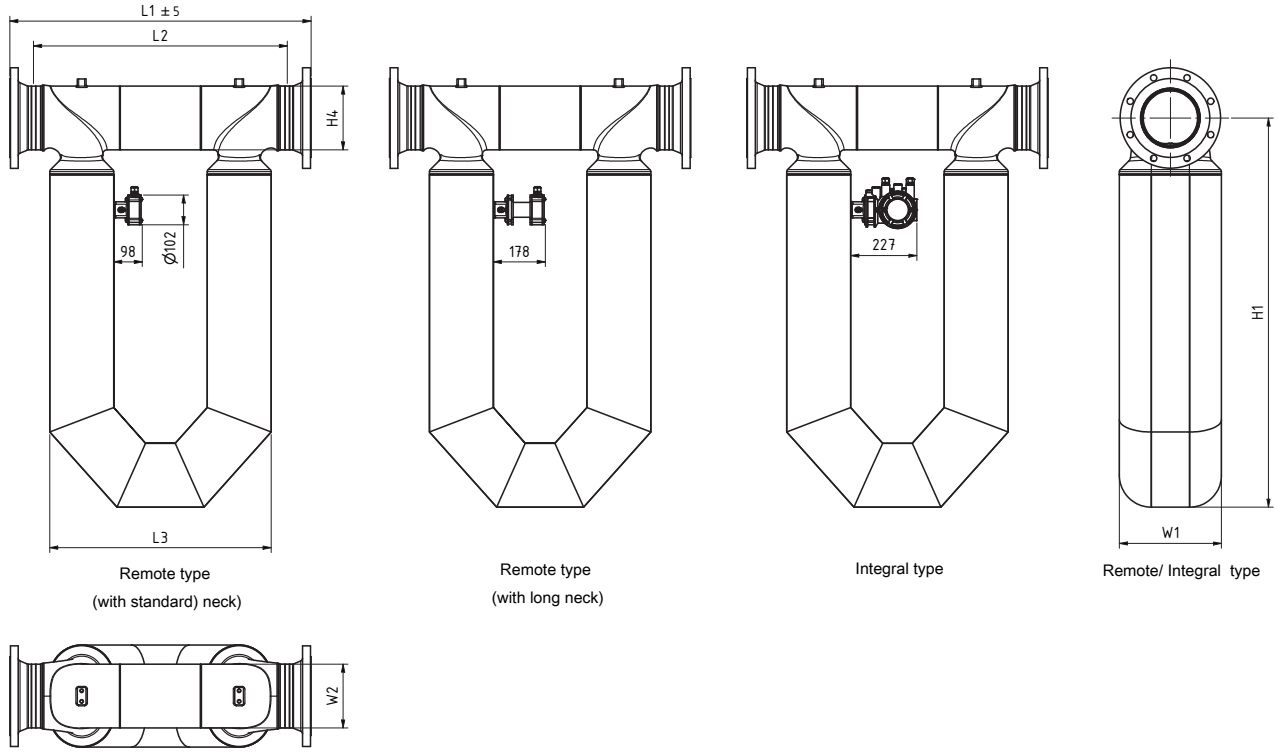


Fig. 2: Dimensions for Giga 2F in mm

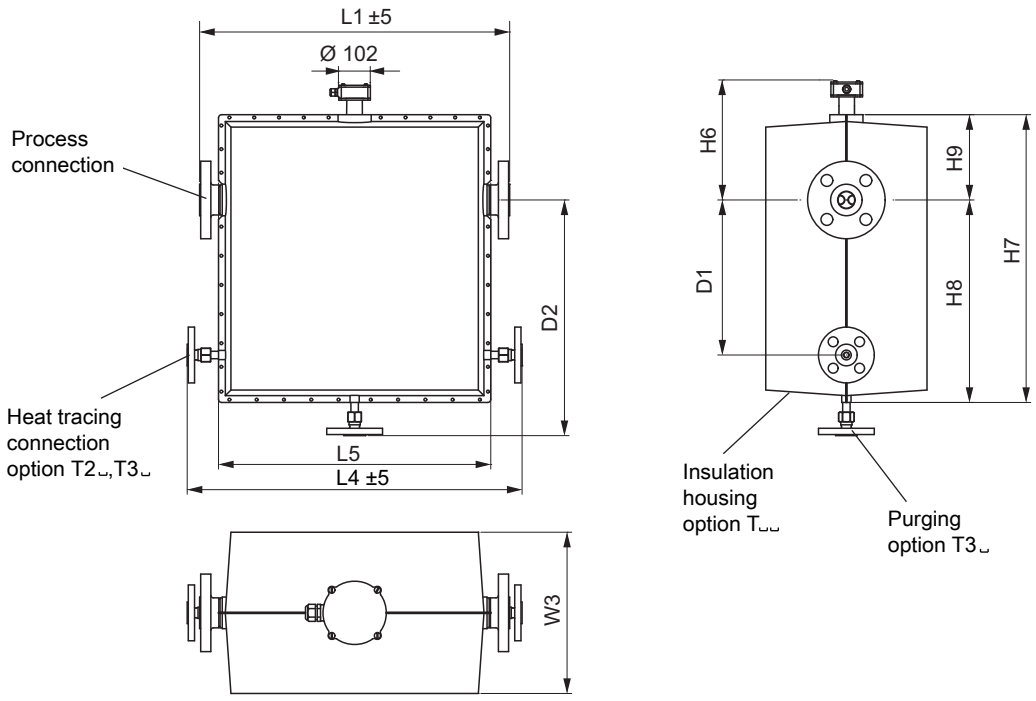


Fig. 3: Dimensions in mm: version with insulation housing

Tab. 1: Dimensions without length L1

Meter size	L2	L3	L4	L5	W1	W2	W3	D1	D2
	in mm (inch)								
Giga 1F	892 (35.1)	691 (27.2)	1050 (41.3)	944 (37.2)	168 (6.6)	176 (6.9)	342 (13.5)	350 (13.8)	677 (26.7)
Giga 2H	1140 (44.9)	683 (26.9)	–	–	273 (10.7)	280 (11)	–	–	–
Giga 2F	870 (34.3)	759 (29.9)	–	–	350 (13.8)	219 (8.6)	–	–	–

Meaning of "–": not available

Tab. 2: Dimensions without length L1

Meter size	H1	H3	H4	H5	H6	H7	H8	H9
	in mm (inch)							
Giga 1F	556 (21.9)	315 (12.4)	176 (6.9)	186 (7.3)	266 (10.5)	824 (32.4)	628 (24.7)	196 (7.7)
Giga 2H	891 (35.1)	367 (14.5)	280 (11)	238 (9.4)	320 (12.6)	–	–	–
Giga 2F	1335 (52.6)	–	219 (8.6)	–	–	–	–	–

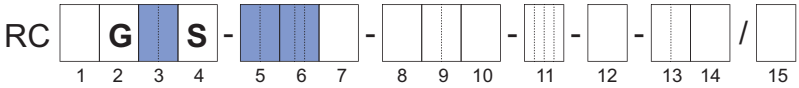
Meaning of "–": not available

Overall length L1 and weight

The overall length of the sensor depends on the selected process connection (type and size of flange). The following tables list the overall length and weight (without insulation or heat tracing and without customized installation length options) as functions of the individual process connection.

The weights in the tables are for the remote type with standard neck. Additional weight for the remote type with long neck: 1 kg (2.2 lb). Additional weight for the integral type: up to 3.2 kg (7.1 lb).

Process connections compatible to ASME B16.5 (AISI 316/ AISI 316L dual certified)

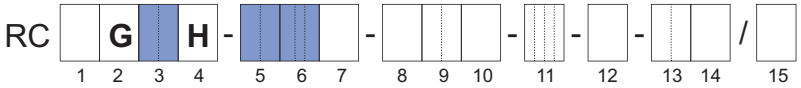


Tab. 3: Overall length L1 and weight of sensor (process connections: ASME, wetted parts: stainless steel)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
ASME 4" class 150, raised face (RF)	1H	BA1	1100 (43.3)	95 (210)	–	–	–	–
ASME 4" class 300, raised face (RF)		BA2	1100 (43.3)	103 (227)	–	–	–	–
ASME 4" class 600, raised face (RF)		BA4	1100 (43.3)	112 (246)	–	–	–	–
ASME 4" class 600, ring joint (RJ)		CA4	1100 (43.3)	112 (247)	–	–	–	–
ASME 5" class 150, raised face (RF)	1Q	BA1	1100 (43.3)	97 (214)	–	–	–	–
ASME 5" class 300, raised face (RF)		BA2	1100 (43.3)	109 (239)	–	–	–	–
ASME 5" class 600, raised face (RF)		BA4	1160 (45.7)	136 (299)	–	–	–	–
ASME 5" class 600, ring joint (RJ)		CA4	1160 (45.7)	136 (301)	–	–	–	–
ASME 6" class 150, raised face (RF)	1F	BA1	1100 (43.3)	101 (223)	1350 (53.1)	290 (639)	–	–
ASME 6" class 300, raised face (RF)		BA2	1100 (43.3)	118 (259)	1350 (53.1)	307 (677)	–	–
ASME 6" class 600, raised face (RF)		BA4	1200 (47.2)	149 (329)	1390 (54.7)	332 (732)	–	–
ASME 6" class 600, ring joint (RJ)		CA4	1200 (47.2)	150 (331)	1390 (54.7)	333 (733)	–	–
ASME 8" class 150, raised face (RF)	2H	BA1	–	–	1350 (53.1)	302 (666)	1020 (40.2)	299 (659)
ASME 8" class 300, raised face (RF)		BA2	–	–	1350 (53.1)	324 (714)	1040 (40.9)	323 (712)
ASME 8" class 600, raised face (RF)		BA4	–	–	1440 (56.7)	371 (818)	1110 (43.7)	368 (811)
ASME 8" class 600, ring joint (RJ)		CA4	–	–	1440 (56.7)	372 (821)	1110 (43.7)	369 (814)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
ASME 10" class 150, raised face (RF)	2F	BA1	–	–	–	–	1080 (42.5)	318 (701)
ASME 10" class 300, raised face (RF)		BA2	–	–	–	–	1130 (44.5)	363 (800)
ASME 10" class 600, raised face (RF)		BA4	–	–	–	–	1210 (47.6)	451 (994)
ASME 10" class 600, ring joint (RJ)		CA4	–	–	–	–	1210 (47.6)	453 (999)

Meaning of "–": not available

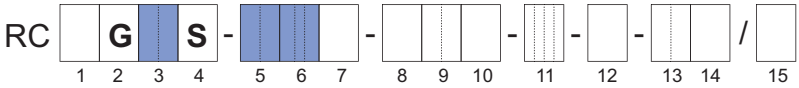


Tab. 4: Overall length L1 and weight of sensor (process connection: ASME, wetted parts: Ni alloy C-22/2.4602)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
ASME 5" class 150, raised face (RF)	1Q	BA1	1100 (43.3)	99 (219)	–	–	–	–
ASME 5" class 300, raised face (RF)		BA2	1100 (43.3)	111 (245)	–	–	–	–
ASME 5" class 600, raised face (RF)		BA4	1110 (43.7)	133 (293)	–	–	–	–
ASME 6" class 150, raised face (RF)	1F	BA1	1100 (43.3)	106 (235)	–	–	–	–
ASME 6" class 300, raised face (RF)		BA2	1100 (43.3)	123 (270)	–	–	–	–

Meaning of "–": not available

Process connections compatible to EN 1092-1 (1.4404/ AISI 316 L)



Tab. 5: Overall length L1 and weight of sensor (process connections: EN, wetted parts: stainless steel)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
EN DN100 PN16, type B1, raised face (RF)	1H	BD2	1100 (43.3)	92 (202)	–	–	–	–
EN DN100 PN16, type D, with groove		GD2	1100 (43.3)	91 (201)	–	–	–	–
EN DN100 PN16, type E, with spigot		ED2	1100 (43.3)	91 (200)	–	–	–	–
EN DN100 PN16, type F, with recess		FD2	1100 (43.3)	91 (201)	–	–	–	–
EN DN100 PN40, type B1, raised face (RF)		BD4	1100 (43.3)	95 (209)	–	–	–	–
EN DN100 PN40, type D, with groove		GD4	1100 (43.3)	94 (208)	–	–	–	–
EN DN100 PN40, type E, with spigot		ED4	1100 (43.3)	94 (207)	–	–	–	–
EN DN100 PN40, type F, with recess		FD4	1100 (43.3)	94 (206)	–	–	–	–
EN DN100 PN63, type B1, raised face (RF)		BD5	1100 (43.3)	100 (220)	–	–	–	–
EN DN100 PN63, type D, with groove		GD5	1100 (43.3)	99 (219)	–	–	–	–
EN DN100 PN63, type E, with spigot		ED5	1100 (43.3)	98 (217)	–	–	–	–
EN DN100 PN63, type F, with recess		FD5	1100 (43.3)	99 (218)	–	–	–	–
EN DN100 PN100, type B1, raised face (RF)		BD6	1100 (43.3)	106 (233)	–	–	–	–
EN DN100 PN100, type D, with groove		GD6	1100 (43.3)	105 (232)	–	–	–	–

Process connections, dimensions and weights of sensor

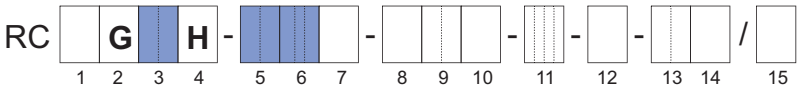
Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
EN DN100 PN100, type E, with spigot	1H	ED6	1100 (43.3)	104 (230)	–	–	–	–
EN DN100 PN100, type F, with recess		FD6	1100 (43.3)	105 (231)	–	–	–	–
EN DN125 PN16, type B1, raised face (RF)	1Q	BD2	1100 (43.3)	95 (209)	–	–	–	–
EN DN125 PN16, type D, with groove		GD2	1100 (43.3)	94 (208)	–	–	–	–
EN DN125 PN16, type E, with spigot		ED2	1100 (43.3)	94 (206)	–	–	–	–
EN DN125 PN16, type F, with recess		FD2	1100 (43.3)	94 (207)	–	–	–	–
EN DN125 PN40, type B1, raised face (RF)		BD4	1100 (43.3)	99 (218)	–	–	–	–
EN DN125 PN40, type D, with groove		GD4	1100 (43.3)	99 (217)	–	–	–	–
EN DN125 PN40, type E, with spigot		ED4	1100 (43.3)	98 (216)	–	–	–	–
EN DN125 PN40, type F, with recess		FD4	1100 (43.3)	98 (216)	–	–	–	–
EN DN125 PN63, type B1, raised face (RF)		BD5	1100 (43.3)	109 (240)	–	–	–	–
EN DN125 PN63, type D, with groove		GD5	1100 (43.3)	108 (239)	–	–	–	–
EN DN125 PN63, type E, with spigot		ED5	1100 (43.3)	107 (237)	–	–	–	–
EN DN125 PN63, type F, with recess		FD5	1100 (43.3)	108 (238)	–	–	–	–
EN DN125 PN100, type B1, raised face (RF)		BD6	1140 (44.9)	121 (267)	–	–	–	–
EN DN125 PN100, type D, with groove		GD6	1140 (44.9)	121 (266)	–	–	–	–

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
EN DN125 PN100, type E, with spigot	1Q	ED6	1140 (44.9)	119 (263)	–	–	–	–
EN DN125 PN100, type F, with recess		FD6	1140 (44.9)	120 (265)	–	–	–	–
EN DN150 PN16, type B1, raised face (RF)	1F	BD2	1100 (43.3)	98 (216)	1350 (53.1)	288 (634)	–	–
EN DN150 PN16, type D, with groove		GD2	1100 (43.3)	98 (215)	1350 (53.1)	287 (633)	–	–
EN DN150 PN16, type E, with spigot		ED2	1100 (43.3)	97 (214)	1350 (53.1)	286 (631)	–	–
EN DN150 PN16, type F, with recess		FD2	1100 (43.3)	97 (214)	1350 (53.1)	287 (632)	–	–
EN DN150 PN40, type B1, raised face (RF)		BD4	1100 (43.3)	105 (231)	1350 (53.1)	294 (648)	–	–
EN DN150 PN40, type D, with groove		GD4	1100 (43.3)	104 (230)	1350 (53.1)	293 (647)	–	–
EN DN150 PN40, type E, with spigot		ED4	1100 (43.3)	103 (228)	1350 (53.1)	293 (645)	–	–
EN DN150 PN40, type F, with recess		FD4	1100 (43.3)	104 (228)	1350 (53.1)	293 (646)	–	–
EN DN150 PN63, type B1, raised face (RF)		BD5	1140 (44.9)	124 (274)	1350 (53.1)	311 (685)	–	–
EN DN150 PN63, type D, with groove		GD5	1140 (44.9)	124 (273)	1350 (53.1)	310 (684)	–	–
EN DN150 PN63, type E, with spigot		ED5	1140 (44.9)	122 (269)	1350 (53.1)	309 (681)	–	–
EN DN150 PN63, type F, with recess		FD5	1140 (44.9)	123 (272)	1350 (53.1)	310 (683)	–	–
EN DN150 PN100, type B1, raised face (RF)		BD6	1180 (46.5)	138 (303)	–	–	–	–
EN DN150 PN100, type D, with groove		GD6	1180 (46.5)	137 (302)	–	–	–	–

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
EN DN150 PN100, type E, with spigot	1F	ED6	1180 (46.5)	136 (299)	–	–	–	–
EN DN150 PN100, type F, with recess		FD6	1180 (46.5)	137 (301)	–	–	–	–
EN DN200 PN16, type B1, raised face (RF)	2H	BD2	–	–	1350 (53.1)	294 (649)	1000 (39.4)	290 (639)
EN DN200 PN16, type D, with groove		GD2	–	–	1350 (53.1)	294 (647)	–	–
EN DN200 PN16, type E, with spigot		ED2	–	–	1350 (53.1)	293 (646)	–	–
EN DN200 PN16, type F, with recess		FD2	–	–	1350 (53.1)	293 (646)	–	–
EN DN200 PN40, type B1, raised face (RF)		BD4	–	–	1350 (53.1)	311 (685)	1020 (40.2)	308 (679)
EN DN200 PN40, type D, with groove		GD4	–	–	1350 (53.1)	310 (683)	–	–
EN DN200 PN40, type E, with spigot		ED4	–	–	1350 (53.1)	308 (680)	–	–
EN DN200 PN40, type F, with recess		FD4	–	–	1350 (53.1)	309 (682)	–	–
EN DN200 PN63, type B1, raised face (RF)		BD5	–	–	1350 (53.1)	333 (733)	1050 (41.3)	332 (732)
EN DN200 PN63, type D, with groove		GD5	–	–	1350 (53.1)	332 (732)	–	–
EN DN200 PN63, type E, with spigot		ED5	–	–	1350 (53.1)	330 (728)	–	–
EN DN200 PN63, type F, with recess		FD5	–	–	1350 (53.1)	331 (730)	–	–
EN DN200 PN100, type B1, raised face (RF)		BD6	–	–	–	–	1090 (42.9)	362 (798)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
EN DN250 PN16, type B1, raised face (RF)	2F	BD2	–	–	–	–	1070 (42.1)	306 (675)
EN DN250 PN40, type B1, raised face (RF)		BD4	–	–	–	–	1120 (44.1)	343 (756)
EN DN250 PN63, type B1, raised face (RF)		BD5	–	–	–	–	1140 (44.9)	370 (816)
EN DN250 PN100, type B1, raised face (RF)		BD6	–	–	–	–	1190 (46.9)	433 (955)

Meaning of "–": not available

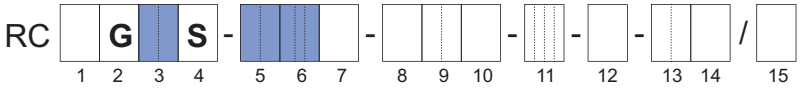


Tab. 6: Overall length L1 and weight of sensor (process connections: EN, wetted parts: Ni alloy C-22/2.4602)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
EN DN125 PN16, type B1, raised face (RF)	1Q	BD2	1100 (43.3)	96 (212)	–	–	–	–
EN DN125 PN40, type B1, raised face (RF)		BD4	1100 (43.3)	101 (222)	–	–	–	–
EN DN150 PN16, type B1, raised face (RF)	1F	BD2	1100 (43.3)	103 (227)	–	–	–	–
EN DN150 PN40, type B1, raised face (RF)		BD4	1100 (43.3)	110 (241)	–	–	–	–

Meaning of "–": not available

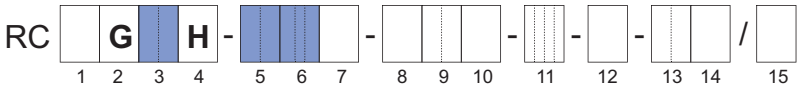
Process connections compatible to JIS B 2220 (AISI 316/ AISI 316 L)



Tab. 7: Overall length L1 and weight of sensor (process connections: JIS, wetted parts: stainless steel)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
JIS DN100 10K	1H	BJ1	1100 (43.3)	91 (200)	–	–	–	–
JIS DN100 20K		BJ2	1100 (43.3)	94 (208)	–	–	–	–
JIS DN125 10K	1Q	BJ1	1100 (43.3)	94 (207)	–	–	–	–
JIS DN125 20K		BJ2	1100 (43.3)	101 (222)	–	–	–	–

Meaning of "–": not available

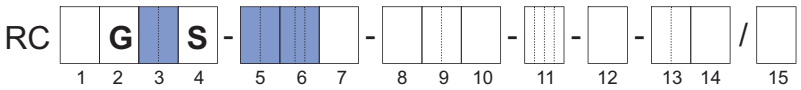


Tab. 8: Overall length L1 and weight of sensor (process connections: JIS, wetted parts: Ni alloy C-22/2.4602)

Process connections	Model code pos.		Giga 1F		Giga 2H		Giga 2F	
	5	6	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)	L1 in mm (inch)	Weight in kg (lb)
JIS DN125 10K	1Q	BJ1	1100 (43.3)	97 (213)	–	–	–	–
JIS DN125 20K		BJ2	1100 (43.3)	103 (228)	–	–	–	–

Meaning of "–": not available

NAMUR & Customer length



Overall length and weight for customized installation length

Tab. 9: Available process connections for options NL and CL with minimum and maximum installation length

Model code position		Giga 1F	
5	6	CL min in mm (inch)	CL max (NL) in mm (inch)
1H	BA1, BA2, BA4, BD2, BD4, BJ1, BJ2, CA4, ED2, ED4, FD2, FD4, GD2, GD4	1160 (45.7)	1200 (47.2)
1Q	BA1, BA2, BA4, BD2 , BD4, BJ1, BJ2, CA4, ED2, ED4, FD2, FD4, GD2, GD4	1160 (45.7)	1200 (47.2)
1F	BA1, BA2, BD2, BD4, ED2, ED4, FD2, FD4, GD2, GD4	1160 (45.7)	1200 (47.2)

Meaning of "CL": Customer length, "NL": NAMUR length; NL corresponds to CL max

Tab. 10: Additional weight in combination with options NL and CL

	Giga 1F
Additional weight for customized installation length in kg/mm	0.021

Typical dimensions of measuring tubes

Tab. 11: Typical dimensions of measuring tubes

Meter size	Material of wetted parts	Model code pos. 4	Internal diameter in mm (inch)	Wall thickness in mm (inch)
Giga 1F	Stainless steel 1.4404/316L	S	54.50 (2.146)	2.90 (0.114)
	Nickel alloy C-22/2.4602	H	54.80 (2.157)	2.77 (0.109)
Giga 2H	Stainless steel 1.4404/316L	S	82.50 (3.248)	3.20 (0.126)
Giga 2F			114.30 (4.500)	6.02 (0.237)

Additional weight for insulation and heat tracing

Tab. 12: Additional weight for insulation and heat tracing

Model code pos. 15	Description	Process connection	Weight in kg (lb)		
			Giga 1F	Giga 2H	Giga 2F
/T10	Insulation	–	30.6 (67.5)		
/T21[1)]	Insulation and heat tracing	ASME ½" class 150, raised face (RF)	10.6 (23.4)		
/T22[1)]		ASME ½" class 300, raised face (RF)			
/T26[1)]		EN DN15 PN40			
/T31[1)]	Insulation and heat tracing with purging	ASME ½" class 150, raised face (RF)	10.8 (23.8)		
/T32[1)]		ASME ½" class 300, raised face (RF)			
/T36[1)]		EN DN15 PN40			

[1)] Weights from insulation (T10) have to be considered additionally.

2 Transmitter dimensions and weights

Transmitter dimensions

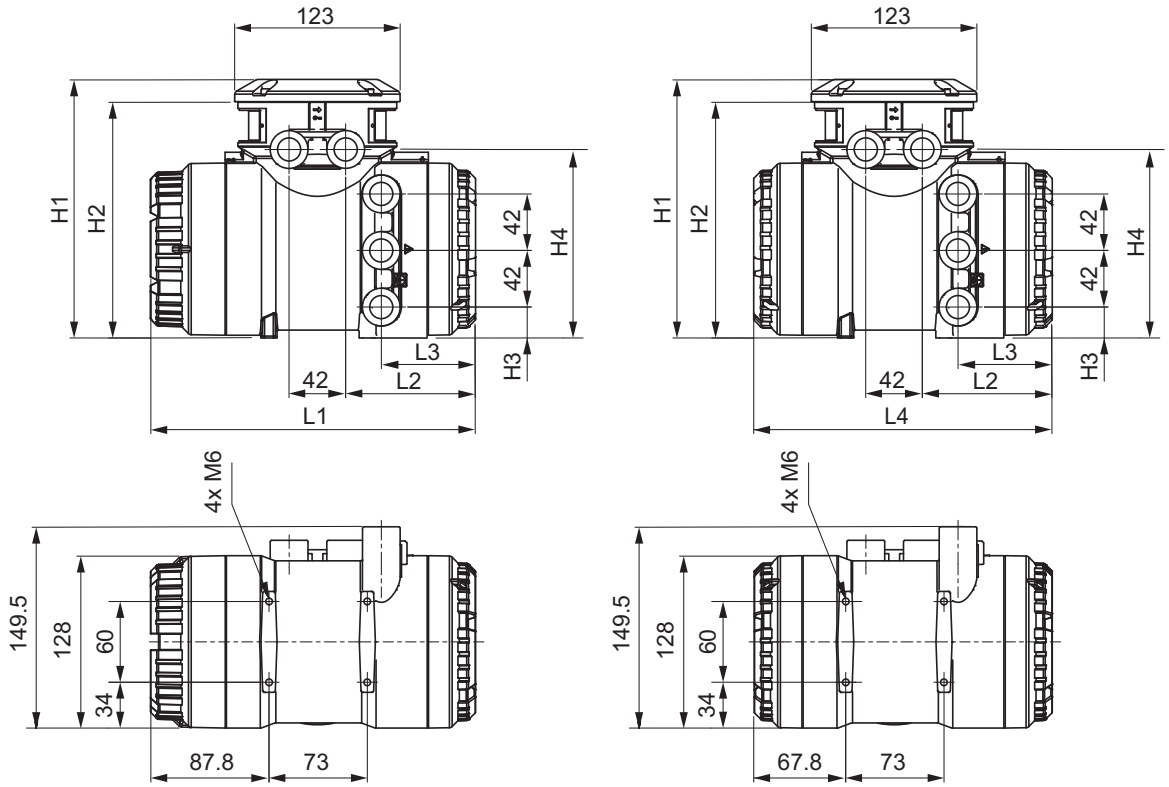


Fig. 4: Dimensions of transmitter in mm
(left: transmitter with display, right: transmitter without display)

Tab. 13: Overall length L1 - L4 and height H1 - H4 of transmitter (material: stainless steel, aluminum)

Material	L1 in mm (inch)	L2 in mm (inch)	L3 in mm (inch)	L4 in mm (inch)	H1 in mm (inch)	H2 in mm (inch)	H3 in mm (inch)	H4 in mm (inch)
Stainless steel	255.5 (10.06)	110.5 (4.35)	69 (2.72)	235 (9.25)	201 (7.91)	184 (7.24)	24 (0.94)	150.5 (5.93)
Aluminum	241.5 (9.51)	96.5 (3.8)	70 (2.76)	221 (8.7)	192 (7.56)	175 (6.89)	23 (0.91)	140 (5.51)

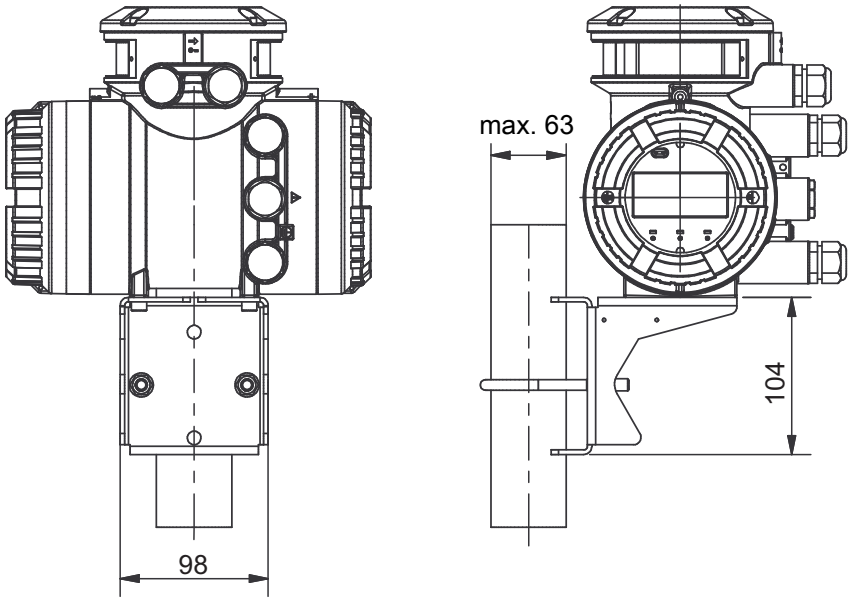
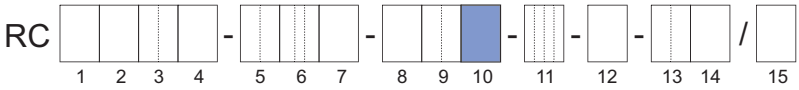


Fig. 5: Dimensions of transmitter in mm, attached to mounting bracket.

Transmitter weights



Model code (pos. 10)	Design type	Housing material of transmitter	Weight in kg (lb)
A, B, E, F	Remote	Aluminum	max. 4.4 (9.7)
J, K		Stainless steel	12.5 (27.6)

3 Wiring

3.1 Terminal configuration diagrams

3.1.1 Terminal for connection between sensor and transmitter

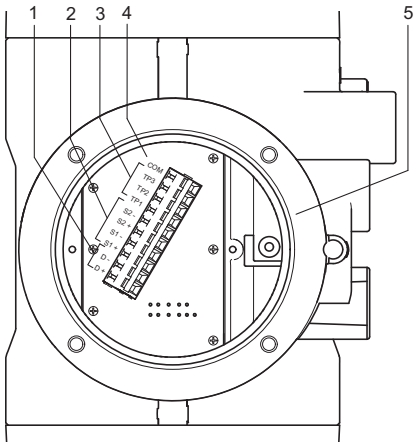


Fig. 6: Connection terminal circuits (transmitter on the left side, sensor on the right side)

1	Driver circuit (D+/D-)	4	Signal grounding
2	Sensor circuits (S1+/S1-, S2+/S2-)	5	Transmitter
3	Temperature measurement circuit (TP1, TP2, TP3)	6	Sensor

3.1.2 Terminal for I/O outputs and power supply

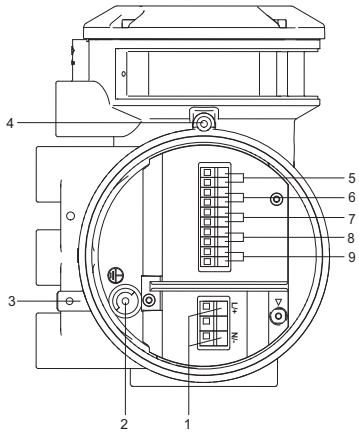


Fig. 7: Terminal for I/O outputs and power supply in transmitter

1	Power supply connection terminals	6	Connection terminals for I/O2 +/-
2	Grounding screw in terminal box	7	Connection terminals for I/O3 +/-
3	Grounding transmitter housing	8	Connection terminals for I/O4 +/-
4	Locking screw	9	WP: Write-protection terminal
5	Connection terminals for I/O1 +/-		

4 Connecting cable dimensions and weights

4.1 Standard cable (option /L□□□ without option /LAC)

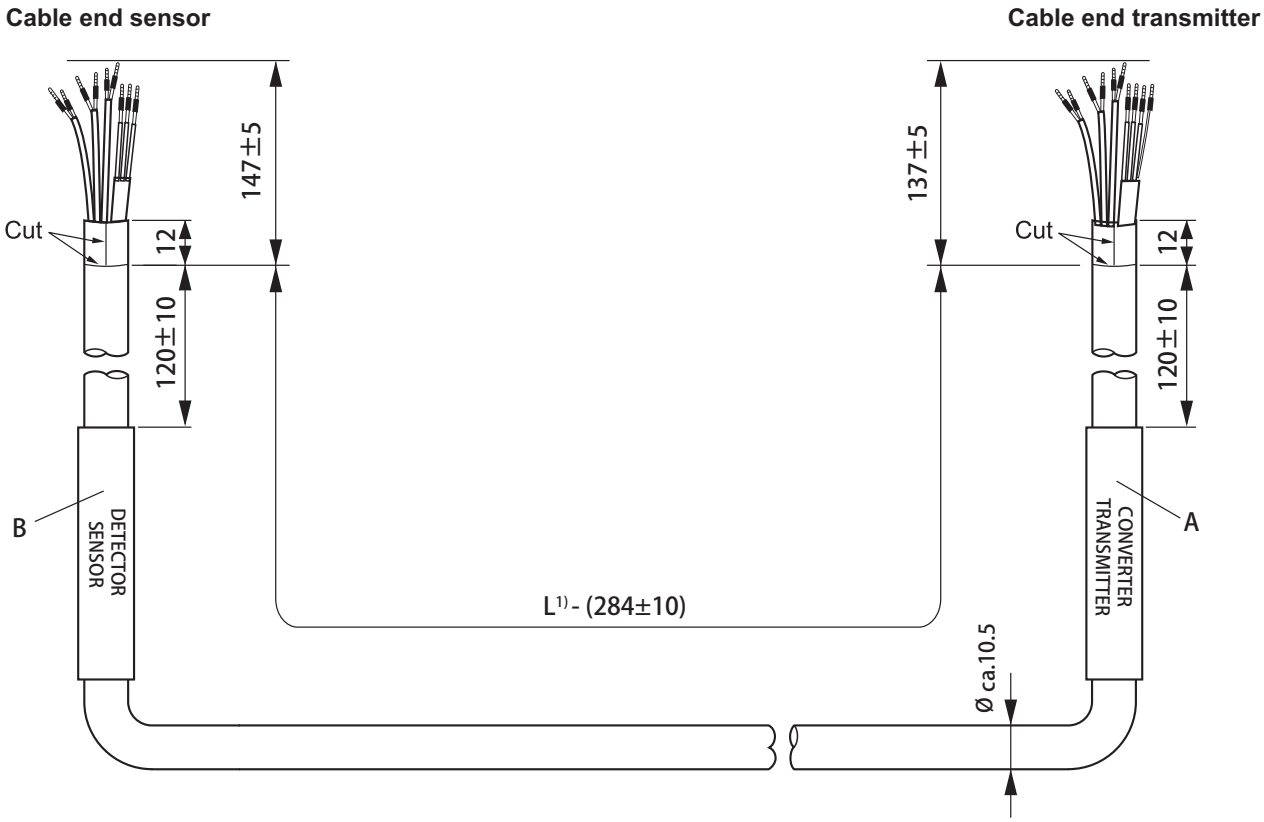


Fig. 8: Dimensions of standard cable (option /L□□□ without option /LAC), terminated in mm and labelling

Label number	Label name	Installation status
A	CONVERTER/TRANSMITTER	Factory labeled
B	DETECTOR/SENSOR	

1) L: Length of connecting cable

Options	Length of connecting cable in m (ft)	Colour of connecting cable
/L000	Without connecting cable	Non Ex: gray / Ex: blue
/L005	5 m (16.4 ft)	
/L010	10 m (32.8 ft)	
/L015	15 m (49.2 ft)	
/L020	20 m (65.6 ft)	
/L030	30 m (98.4 ft)	

- Weight of cable ≤ 0.200 kg/m (0.134 lb/ft)

A cable assembly kit is included for possible repairs.

4.2 Steel armored cable (option /L⎵⎵⎵ with option /LAC)

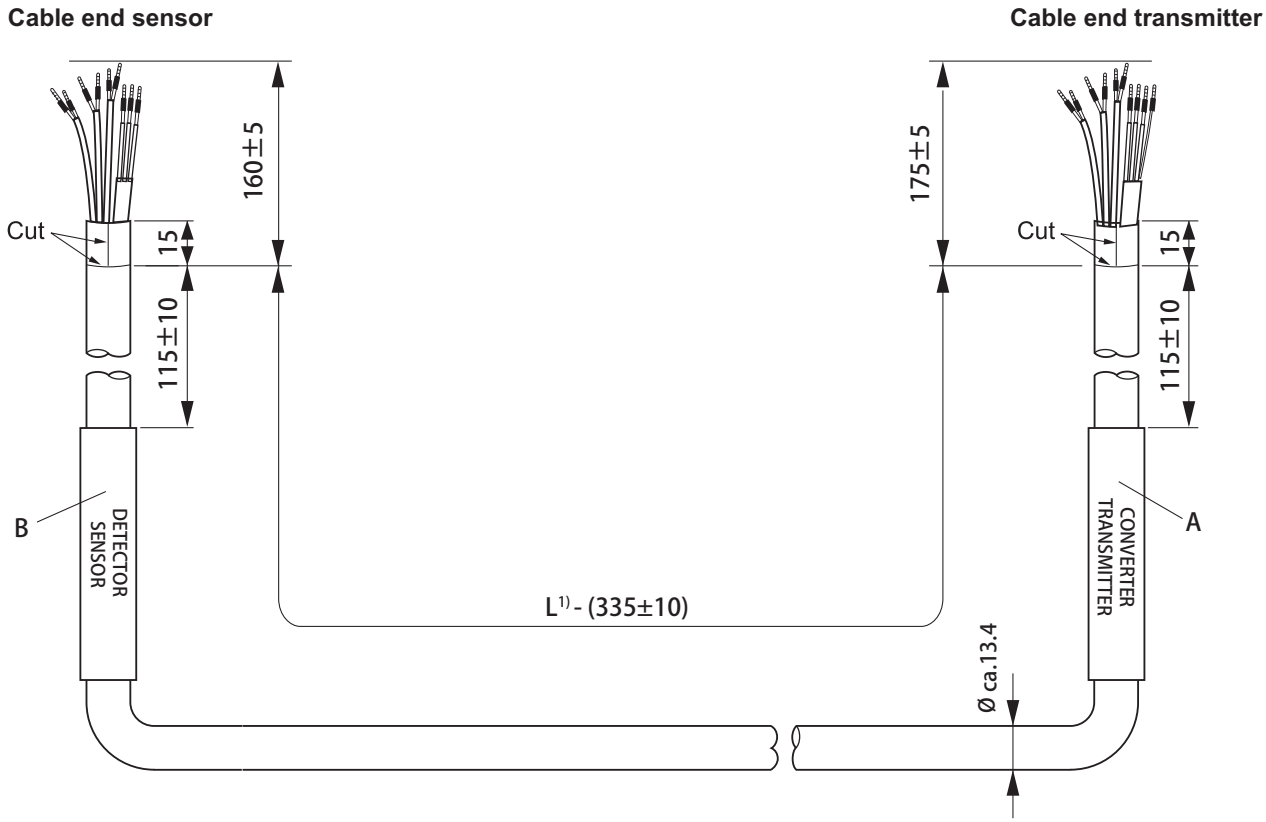


Fig. 9: Dimensions of standard cable (option /L⎵⎵⎵with option /LAC), terminated in mm and labelling

Label number	Label name	Installation status
A	CONVERTER/TRANSMITTER	Factory labeled
B	DETECTOR/SENSOR	

1) L: Length of connecting cable

Options	Length of connecting cable in m (ft)	Colour of connecting cable
/L005, /LAC	5 m (16.4 ft)	Blue
/L010; /LAC	10 m (32.8 ft)	
/L015, /LAC	15 m (49.2 ft)	
/L020, /LAC	20 m (65.6 ft)	
/L030, /LAC	30 m (98.4 ft)	

- Weight of cable ≤ 0.300 kg/m (0.202 lb/ft)

A cable assembly kit is included for possible repairs.

4.3 Fire retardant cable (option /Y⎵⎵⎵)

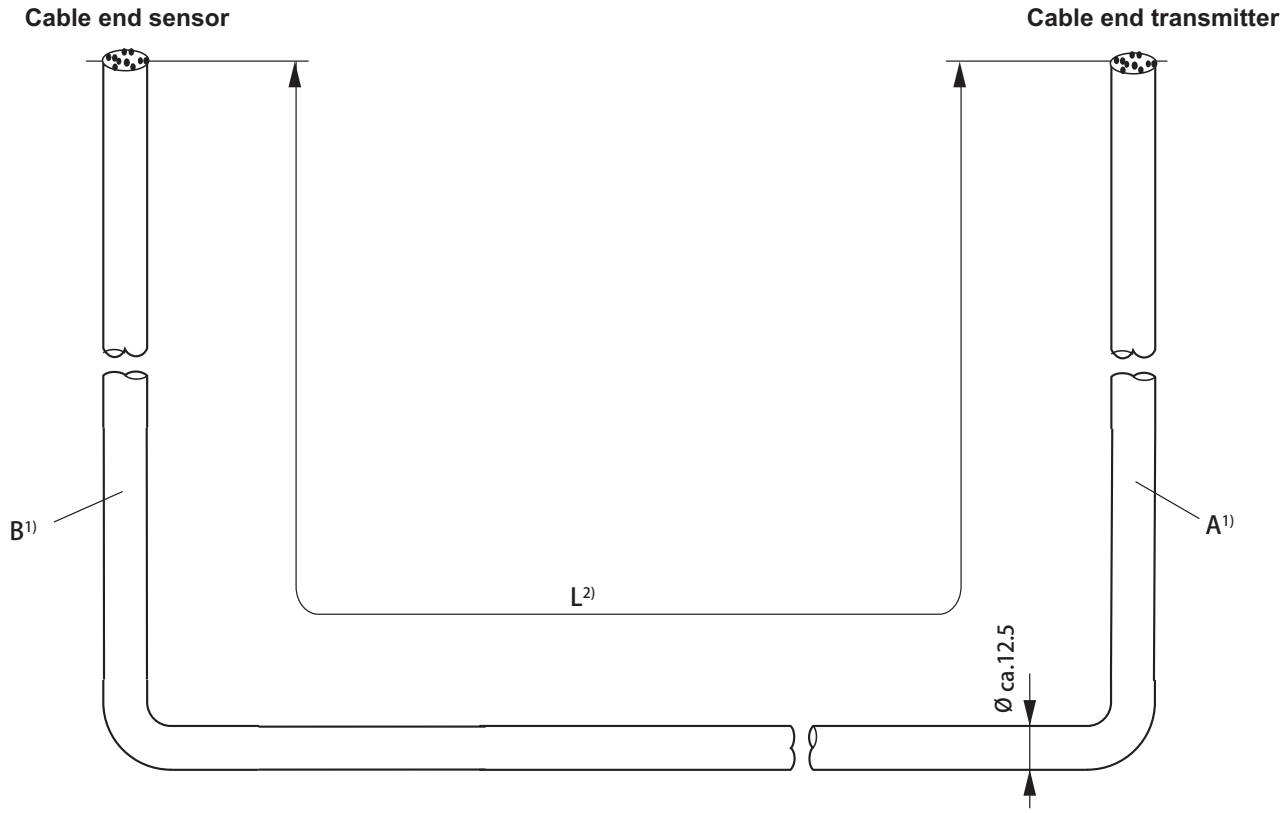


Fig. 10: Dimensions of fire retardant cable (option /Y⎵⎵⎵), not terminated[3] in mm and labelling

Label number	Label name	Installation status
A	CONVERTER/TRANSMITTER	Separately enclosed
B	DETECTOR/SENSOR	

[1] Installation of label A/B: Label A/B is included in termination kit. Install the label inside an appropriate cable area near the mounted cable gland.

[2] L: Length of connecting cable

[3] The cable can also be supplied pre-assembled.

Options	Length of connecting cable in m (ft)	Colour of connecting cable
/Y000	Without connecting cable	Gray
/Y005	5 m (16.4 ft)	
/Y010	10 m (32.8 ft)	
/Y015	15 m (49.2 ft)	
/Y020	20 m (65.6 ft)	
/Y030	30 m (98.4 ft)	

- Weight of cable ≤ 0.270 kg/m (0.181 lb/ft)

A cable assembly kit with instructions is included.

5 Japan Ex cable gland dimensions (option /V5␣)

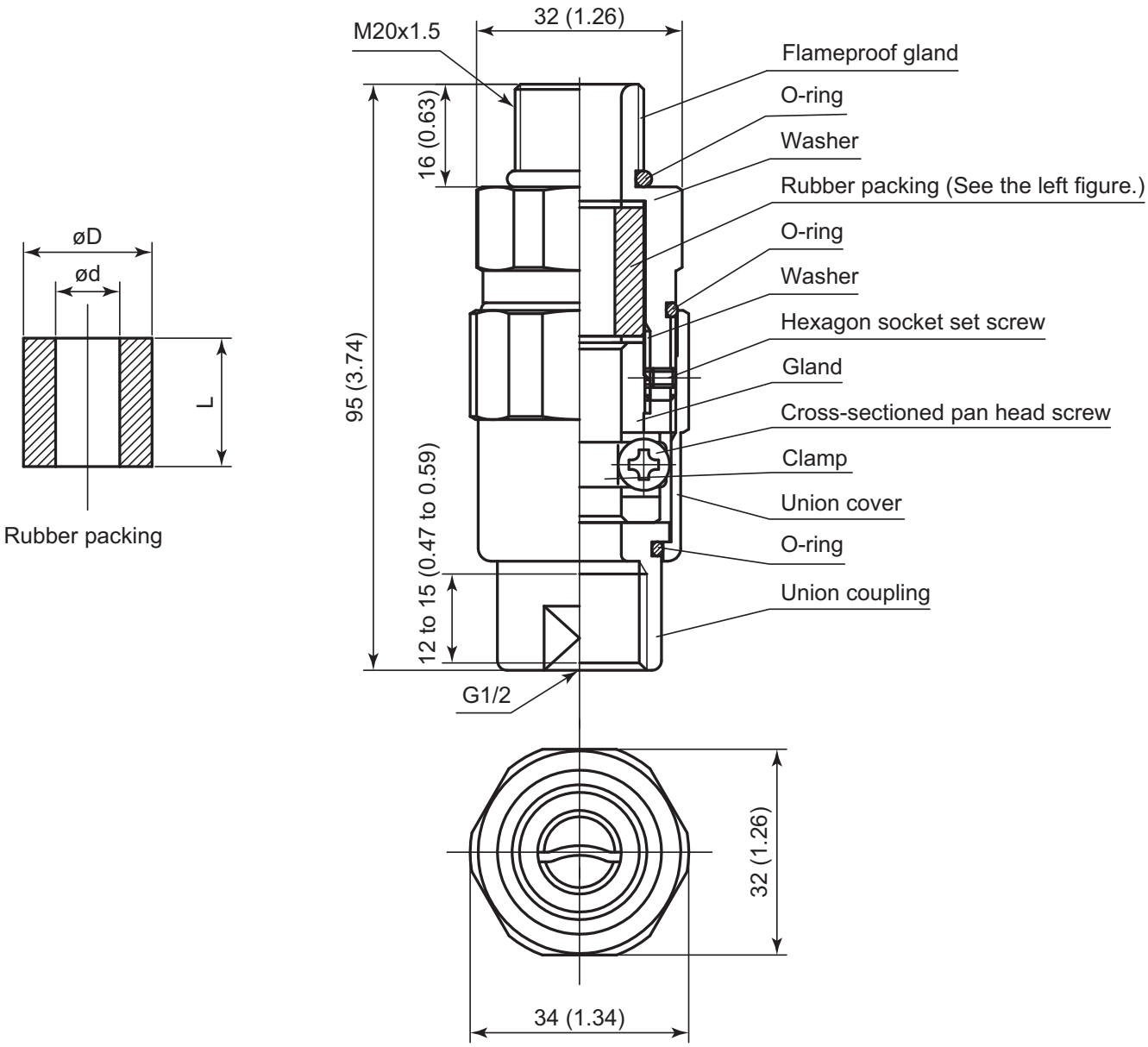


Fig. 11: Dimensions of cable gland (option V5␣), in mm (inch)

Dimensions of rubber packing (before compression)			Identification mark of rubber packing	Cable outer diameter	
L	Ø D	Ø d		Min.	Max.
in mm (inch)					
20 (0.79)	Ø 20 (0.79)	Ø 10 (0.39)	Ø 10 (0.39)	Ø 8.0 (0.31)	Ø 10.0 (0.39)
20 (0.79)	Ø 20 (0.79)	Ø 12 (0.47)	Ø 12 (0.47)	Ø 10.0 (0.39)	Ø 12.0 (0.47)

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Germany

For the actual manufacturing location of your device refer to the model code and/or serial number.

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