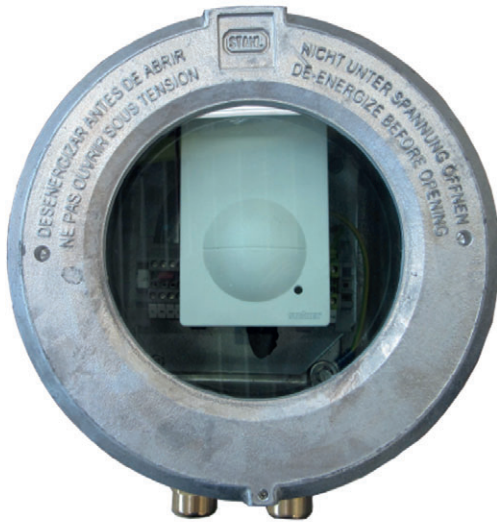


Motion sensor

Series 8265/53



- > High frequency motion sensor
- > Intelligent sensor technology
- > Adjustable on-off time
- > Individually adjustable time and twilight threshold

E4

www.stahl.de



19124E00

The motion sensor is equipped with intelligent sensor technology that provides additional security.

The motion sensor, which features an 8 m beam width, a total switching load of 1000 W and a twilight setting of 2 to 2000 lux, is ideal for controlling lighting installations and systems.

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in		x	x		x	x

WebCode 8265E

Motion sensor

Series 8265/53

Selection Table

Version	Outer dimensions (L x W x H)	Description	Art. no.
Size 3	195 x 195 x 172 mm	Motion sensor	258122

Explosion Protection

Global (IECEX)

Gas and dust	IECEX PTB 07.0029 Ex db IIC T6 Gb Ex tb IIIC T80°C Db
--------------	---

Europe (ATEX)

Gas and dust	PTB 06 ATEX 1077 IP66 ⊕ II 2 Ex db IIC T6 Gb ⊕ II 2 D Ex tb IIIC T80°C
--------------	--

Certifications and certificates

Certificates	IECEX, ATEX
--------------	-------------

Technical Data

Electrical data

Mains supply	230 to 240 V, 50 Hz
max. power	
Resistive load	1000 W
uncompensated, inductive	500 VA
series compensated	900 W
parallel compensated, with C ≤ 45.6 µF	500 W
ECGs	max. 6 units, C ≤ 132 mF
max. current	5A
Range	max. 8 m, infinitely adjustable
Sensor	High frequency: 5.8 GHz (transmission power < 1 mW)
Response brightness	2 to 2000 lx
Continuous light mode	4 h
Time settings	5 s to 3 min.

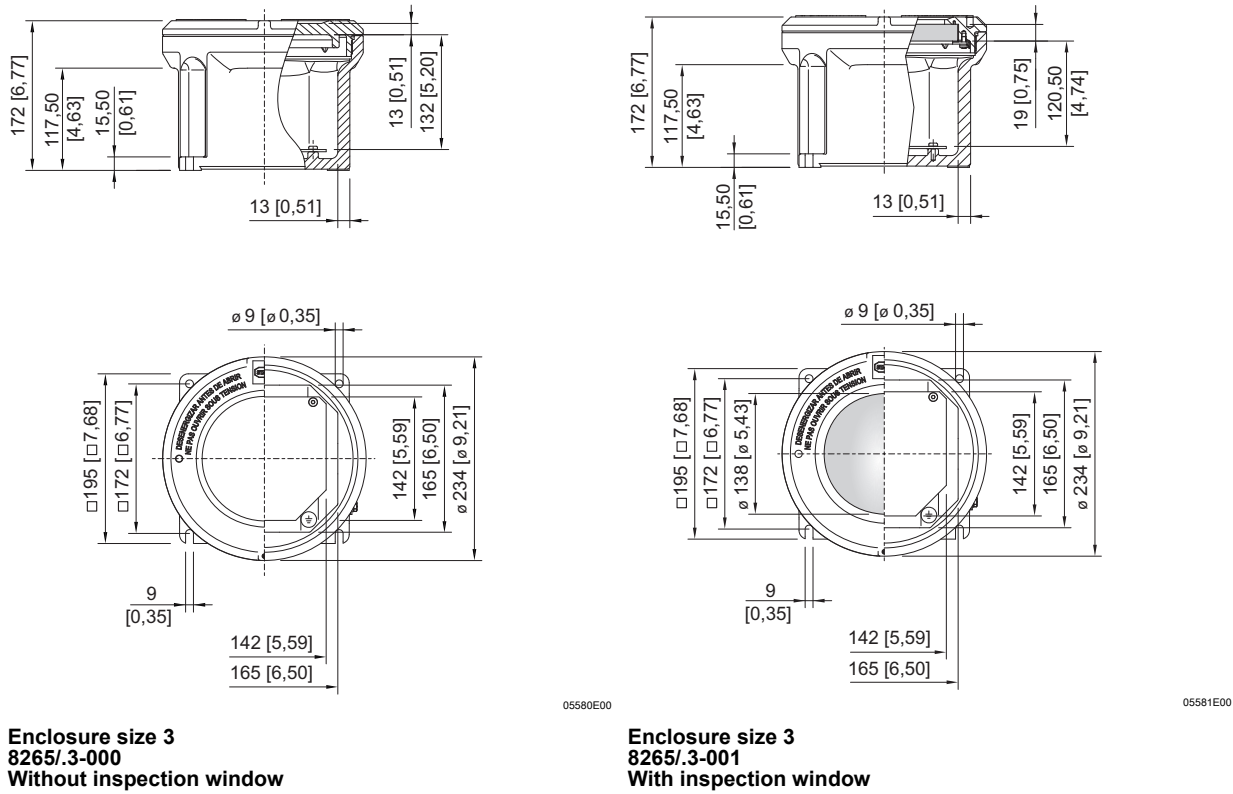
Ambient conditions

Ambient temperature	-20 to +50 °C
---------------------	---------------

Mechanical data

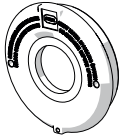
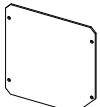
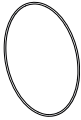

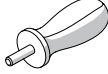
Degree of protection	IP66 with O-ring silicone
Weight	8.74 kg
Seal	2 x M20 Novapress 815
Stopping plugs	2 x CMP-757D VST MsNi M20
Enclosure material	Aluminium, copper-free (seawater-resistant) AL Si7Mg03 according to EN 13195 In case of continuous contact with seawater, a coating is recommended.

Dimensional drawings (all dimensions in mm [inches]) – Subject to modifications



E4




Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Cover with inspection window	 11400E00	for enclosure: Visible part of window	Size 3 Ø 141 mm	143452 2.232
Mounting plate	 11401E00	for enclosure size 3	143485	0.364
O-ring	 11402E00	silicone, for enclosure size 3	221718	0.010
Threaded pin	 05984E00	M5x16-A2 with allen screw and point	110216	0.001
Box spanner	 05986E00	For opening a size 1, 2, 3, 4 enclosure cover	2 box spanners are required 142059	0.060

Motion sensor

Series 8265/53

Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Lubricating grease for thread gap	 16974E00	Grease for low temperatures	105077	1.070
Cable gland	 15793E00	RapidEx liquid pour sealing system Cable entry with compound CMP-20PXSS2K-REX KLE MsNi M20	246605	0.200
Cable gland	 15791E00	RapidEx liquid pour sealing system Cable entry with compound CMP-20PX2K-REX KLE MsNi M20 For reinforced conductors	246649	0.240
Note	If the cable is selected in accordance with IEC/EN 60079-14, other cable glands can be used. Additional variants, such as heaters, paint, connection chambers or cable entries, are available on request.			

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.