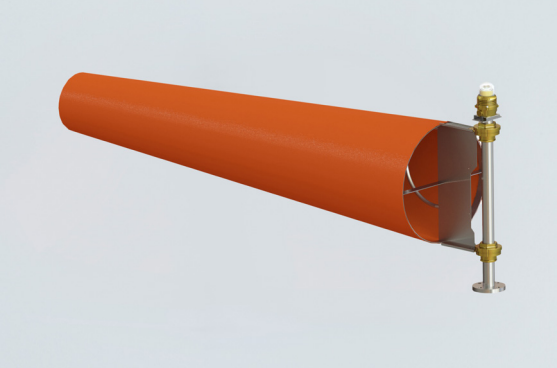
TRANBERG® Windsock

Series TEF9968 without Internal Illumination and with Obstruction Light Zone 1 & 2, Safe Area



- Rugged and solid construction
- Easy to install and maintain. Maintenance free lights.
- Delivered with 10 meter flying lead armored cable (other lengths on request)
- Red + IR (NVG compatible) obstruction light on top available
- Resistant to vibrations
- Bearing for the rotating wind vane is encapsulated in solid brass housing

MY R. STAHL **T9968C**

The TRANBERG® TEF 9968 LED windsock offers a range of different obstruction lights.
The TEF 9968 windsock is designed out of corrosion resistant materials. All exposed materials are Stainless steel AISI 316L and brass.
Optionally delivered with a RED + IR (NVG compatible) obstruction light on top.
The rugged construction with integrated LED lights and no use of electrical slip ring units – significantly reduce maintenance cost resulting in extremely low lifetime cost.
TEF 9968 is designed for use in Zone 1, 2 and safe areas.

Applications:
Wind indication on
- Helideck landing areas
- Airports
- Bridges
- Highways

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table					
AC rated operational voltage Frequency Input voltage		100 ... 254 V 50/60 Hz 100 ... 254 V AC			
Effective luminous intensity	Length	Diameter	Old Art. No.	Art. No.	Weight
10 cd	1300 mm	0.3 m	99683012	332687	50 kg
10 cd	2400 mm	0.6 m	99686012	262999	55 kg
32 cd	1300 mm	0.3 m	99683022	332688	50 kg
32 cd	2400 mm	0.6 m	99686022	332694	55 kg
Rated operational voltage DC Input voltage		24 V 24 V DC +/-30 %			
Effective luminous intensity	Length	Diameter	Old Art. No.	Art. No.	Weight
10 cd	1300 mm	0.3 m	99683011	332691	50 kg
10 cd	2400 mm	0.6 m	99686011	332697	55 kg
32 cd	1300 mm	0.3 m	99683021	332692	50 kg
32 cd	2400 mm	0.6 m	99686021	332698	55 kg
32 cd + IR (NVG)	2400 mm	0.6 m	99686041	332695	55 kg

TRANBERG® Windsock

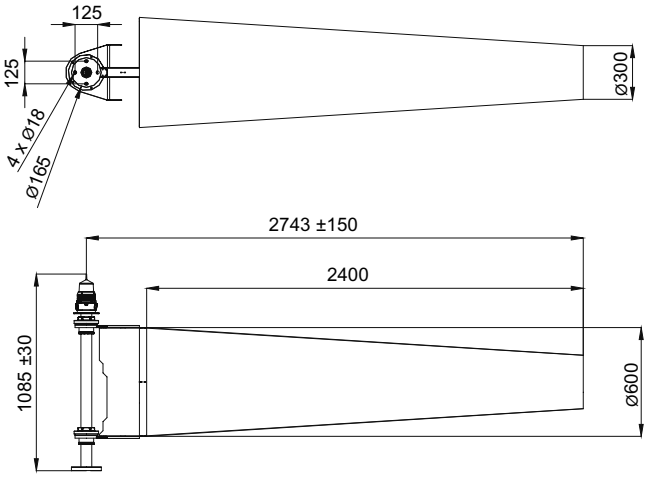
Series TEF9968 without Internal Illumination and with Obstruction Light
Zone 1 & 2, Safe Area

Technical Data	
Explosion Protection	
Area of application	European Union (ATEX) IECEx
IECEx gas explosion protection	Ex eb mb op is IIC T5 Gb
ATEX gas explosion protection	Ⓔx II 2 G Ex eb mb op is IIC T5 Gb
Installation	in Zone 1, 2 and in safe areas
Electrical Data	
Power	10 W
Ambient Conditions	
Ambient temperature	-55 °C ... +55 °C
Operating temperature	-20 °C ... +55 °C
Lighting Data	
Lamp	LED
Light colour	Red
Mechanical Data	
Degree of protection (IP) (IEC 60529)	IP66/IP67
Enclosure material	Brass, Stainless steel 1.4404
Material dome	Polycarbonate
Colour	Orange

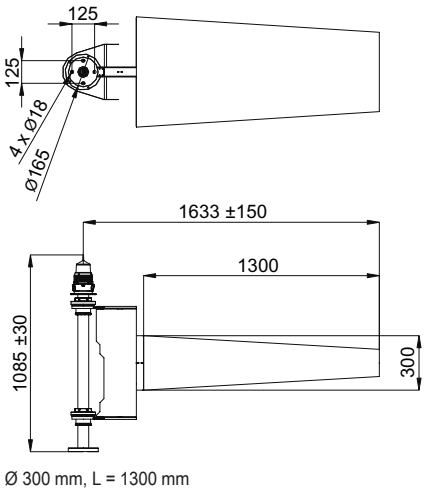
Spare Parts

Figure	Description	Art. No.	Weight
Bearing			
	Full bearing for windsock arrangement Old Art. No. 7850 000	248112	3.2 kg
Flange			
	Flange for mounting on 60.3 mm pipe. Max. Ø=61 mm, complete with bolts and nuts Old Art. No. 7852 007	333052	10 kg
	Flange for welding to 60.3 mm pipe, stainliess steel 1.4404, complete with bolts and nuts Old Art. No. 7852 008	333053	5 kg
Power supply			
	Power supply for 9968 200, 100-254 V AC input, 24 V DC output. Mounted in Junction box TEF 1058 3501. For safe area only. Contact Tranberg for availability for a zone 2 version. Old Art. No. 7852 009	332789	10 kg
Windsock			
	ø = 0.3 m; L = 1.3 m; colour: orange Old Art. No. 7852 006	241978	1 kg
	ø = 0.6 m; L = 2.4 m; colour: red/white Old Art. No. 7852 005	241977	100 g
	ø = 0.6 m; L = 2.4 m; colour: orange Old Art. No. 7852 004	340880	-

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Ø 600 mm, L = 2400 mm



Ø 300 mm, L = 1300 mm