



OSSP-H



OSSP-R



OSSP-T

Zone  
1

Zone  
2

Zone  
21

Zone  
22

IP66  
IP68

### Protection

- Ex db IIC Gb
- Ex eb IIC Gb
- Ex tb IIIC Db
- Ⓜ 2 G Ex db IIC Gb
- Ⓜ 2 G Ex eb IIC Gb
- Ⓜ 2 D Ex tb IIIC Db

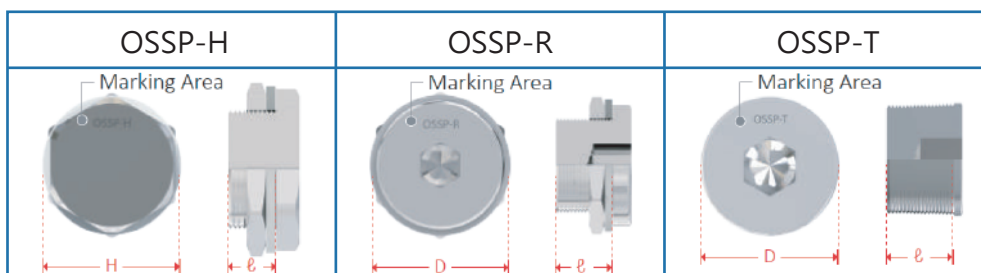
### Standards

IEC 60079-0  
IEC 60079-1  
IEC 60079-31  
IEC 60079-7  
EN 60079-0  
EN 60079-1  
EN 60079-7  
EN 60079-31

## Technical Data

Ambient Temperature	-60°C ~ +110°C	
Degree of Protection	IP66/68 (Metric) IP66 (NPT)	
Material	Gland Packing	Nickel plated brass(standard), Stainless steel(316L)(Option) Nylon

### Dimensional drawings (All Dimensions in mm)



Part Number	Entry Thread Size(M)		Thread Length(l)		Head Size Dimensions (OSSP-H/R)		Head Size Dimensions (OSSP-T)	Weight(g)		
	Metric	NPT/PF	Metric/PF	NPT	Metric (H/D)	NPT/PF (H/D)	NPT (D)	OSSP-H	OSSP-R	OSSP-T
OSSP-H / R / T 16	M16	-	15	-	21/22	-	-	50	35	-
OSSP-H / R / T 20	M20	1/2"	15	15	27/27	27/27	21.34	75	55	30
OSSP-H / R / T 25	M25	3/4"	15	16	31/32	31/32	26.67	100	90	55
OSSP-H / R / T 32	M32	1"	15	18	38/40	38/40	33.40	120	155	100
OSSP-H / R / T 40	M40	1-1/4"	15	19	46/50	46/50	42.16	195	250	160
OSSP-H / R / T 50	M50	1-1/2"	15	21	57/57	57/55	48.26	310	410	265
OSSP-H / R / T 63	M63	2"	15	24	70/70	70/70	60.33	475	655	430
OSSP-H / R / T 75	M75	2-1/2"	20	27	82/82	82/82	73.03	730	890	650
OSSP-H / R / T 90	M90	3"	20	30	98/98	98/98	88.90	950	1150	920
OSSP-H / R / T 100	M100	3-1/2"	20	32	112/112	112/112	101.60	1285	1550	1210
OSSP-H / R / T 115	-	4"	-	32	-	125/123	114.30	1285	1550	-

\* Up to M75, 1.5 pitch is standard and from M90, 2.0 pitch is standard

\* When the plug is used for Ex d with NPT thread, OSSP(T) type must be used due to non-shoulder requirement in accordance with IEC standard.

\* For OSSP-T, only NPT thread is available