



FEATURES

- EX for use in explosive environment
- IV for longer duration of actuation signal
- ET for extended temperature range
- HI with enhanced vandalism protection
- Piezo switches with tactile feedback
- Piezo switches with stroke

Туре	PSE EX-Version	PSE Prolonged Signal IV	PSE Extended Temperature Range ET	PSE High Impact HI	PSE with Tactile Feedback	PSE with Stroke
Electrical Data		1				
Switching Voltage max. [VAC/DC]	24 / 24	42 / 60	50	42 / 60	42 / 60	42 / 60
Switching Current max. [mA]	40	2.6	150	100	100	100
Breaking Capacity max. [W]	0.96	15.6	0.4	1	1	1
Lifetime (at Rated Breaking Capacity) [Mio.]	20	20	10	20	1	1
Insulation Resistance (OFF = not actuated) $[M\Omega]$	> 10	> 10	> 5	> 10	> 10	> 10
Initial Contact Resistance (ON = actuated) $[\Omega]$	< 20	< 5	< 7.5	< 20	< 20	< 20
Capacity [pF]	30	30	25	30	30	30
N.O. Closing Impulse Duration (depending on actuating force, time, speed) [ms]	20 - 1000	20 - 50.000	min. 40	20 - 1000	20 - 1000	20 - 1000
Contact Configuration	free polarity	free polarity	poled	free polarity	free polarity	free polarity
Switching Function	N.O.	N.O.	N.O.	N.O.	N.O.	N.O.
Mechanical Data						
Actuating Force [N]	1 - 3	1 - 3	1 - 3	1.5 - 3	3.8	4.25
Actuating Travel [mm]	0.002	0.002	0.002	0.002	0.7	2
Starting Torque [Nm]	2.5	2.5	2.5	2.5	2.5	2.5
IK Protection Class (Shock Protection) [IK]	IK 02	IK 02	IK 02	IK 06	IK 02	IK 02
Climatical Data						
Operating Temperature [°C]	-20 to +60	-20 to +60	-40 to +85	-20 to +60	-20 to +60	-20 to +60
Storage Temperature [°C]	-20 to +60	-20 to +60	-40 to +85	-20 to +60	-20 to +60	-20 to +60
IP Protection Class [IP]	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67



In addition to the standard types, additional versions as well as laser lettering are available on request. Starting with catalogue page 36 you will find an overview of the various designs.



PSE M 19 Ext. Temp.



PSE M 27 High Impact



PSE M 16 with Tactile Feedback



PSE M 27 with Stroke

Characteristics						
Mounting Diameter	[mm]	19	27	16	27	
Туре		PSE ET	PSE HI	PSE with Tactile Feedback	PSE with Stroke	
Housing Material		Alu. anodised	Stainless Steel	Alu. anodised	Alu. anodised	
Illumination		non-illuminated	non-illuminated	non-illuminated	non-illuminated	
Terminal		Quick Connect Terminal	Wire	Wire	Wire	
Accessories		All switches are supplied with nut and o-ring seal.				

Order Number				
Colour of Housing				
Alu natural	1241.5003		1241.5200.8.093	1241.2625.8
red				1241.2625.3
green				1241.2625.5
blue				1241.2625.4
black				1241.2625.7
gold				1241.2625.1
Stainless Steel		1241.3994		

blue 1241.2625.4 black 1241.2625.7 gold 1241.3994 Drawing A Illumination Area B Actuating Area C Width Across Flats