

## Technical conditions for mounting series VIPET-N-I

VIPET-N-I is a dust-proof and water-proof fitting suitable for use in both indoor and outdoor applications where a risk of explosion is present.

### Mounting:

1. Remove fitting from cardboard carton.
2. Remove diffuser and reflector from housing by releasing retaining clips.
3. Install glands and plugs in to provided entries in housing.
4. Mount provided brackets to ceiling or wall and push housing securely in to place (See picture 1 below).  
A self-locking cable suspender can be provided as an optional extra if necessary (See picture 2 below).
5. Pull supply cable through cable gland and tighten as necessary. Provided gland will suit flexible cable from 7.5-12mm outside diameter.
6. Hang reflector on plastic suspendors to allow wiring access.
7. Connect supply cable to provided terminal block:

### VIPET-N-I

**Terminal L1 - phase wire**

**Terminal N - neutral wire**

**Terminal Ⓛ - earth wire**

It is recommended to strip the cable insulation back by 8-9mm before wiring in to terminal block.

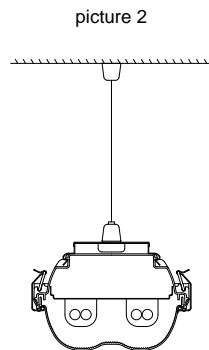
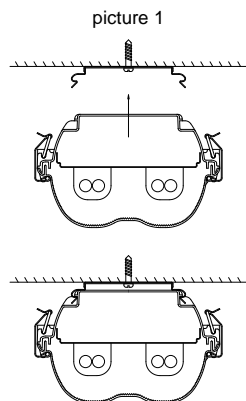
Each terminal block connection point is permitted to receive two cables between 0.5-2.5mm<sup>2</sup>.

8. Install reflector in housing and secure in place with the two plastic twist-bolts.
9. Install suitable lamp (not provided) and twist in to operation position.
10. Offer diffuser to housing and fasten with steel locking clips. Please ensure that seal is engaged correctly.

### Warning for mounting series VIPET-N-I

The fitting can be connected by authorised person only.

If mounting instructions are not adhered to, the manufacturer will not be held responsible for the incidental damages incurred. The manufacturer is part of a system of regressive acceptance and recycling covers of EKO-KOM company (EK-F06022453). Lighting fixtures are not allowed to be used in atmospheres that contain vibrations, mechanical tension, aggressive chemical substances and smear. These atmospheres reduce service life of plastic parts.



## Technical conditions for operation and maintenance series VIPET-N-I

### 1. Application

The fittings can be used in areas with danger of explosion:

	Marking of external influences	Area classification	
		Marking	Norm
Danger of inflammable dust explosion	BE3N1	ZONE 22	ČSN EN 50 281-1-2:1999
danger of inflammable gas and vapour explosion	BE3N2	ZONE 2	ČSN EN 60 079-10:1997 ČSN EN 60 079-14:1997
Danger of fair or danger of explosive substances explosion	BE3N3	V1, V2, V3	ČSN 33 2340:1980

The fittings are designed for operation in ambient temperatures from -20°C to +40°C.













### 2. Operation and maintenance instructions:

- The fittings for above mentioned areas are used in accordance with valid norms ČSN EN.
- The fitting can not be opened whilst live.
- Free holes for supply cables that are not used for cable glands must be closed by sealing plugs (M20).
- In explosive atmospheres, the fitting can be cleaned with a wet towel, whilst cleaners must be grounded.
- The series MULTIVIPET-N-EM can be used with 1F through wiring. Maximum allowed number of the fittings in such connection is referred in previous table.
- Recommended protection for through wiring connected fittings is mcb type B, 10A.

### 3. The fittings are certified by FTZÚ - SZ 210, Ostrava - Radvanice:

- a) **Certificate FTZÚ 02 ATEX 0313** from date 29.11.2002
- b) **Supplement from testing authority No 03/0022** from date 26.2.2003 about ability to use and install in area with danger of fire or danger of explosive substances explosion V1, V2, V3.

### Marking:

VIPET - N - I - PC - WR		VIPET - N - I - PC - WR - EP	
1x18W 	II 3GD T89°C; EExnA II T5	1x18W 	II 3GD T82°C; EExnA II T5
2x18W 	II 3GD T89°C; EExnA II T5	2x18W 	II 3GD T82°C; EExnA II T5
1x36W 	II 3GD T89°C; EExnA II T5	1x36W 	II 3GD T86°C; EExnA II T5
2x36W 	II 3GD T89°C; EExnA II T5	2x36W 	II 3GD T86°C; EExnA II T5
1x58W 	II 3GD T110°C; EExnA II T4	1x58W 	II 3GD T92°C; EExnA II T5
2x58W 	II 3GD T122°C; EExnA II T4	2x58W 	II 3GD T93°C; EExnA II T5

### Maximum allowed number of through wire connected lighting fittings

VIPET - N - I, uncompensated		VIPET - N - I, compensated		VIPET - N - I - EP, electronic ballast	
1x18W	27	1x18W	32	1x18W	23
2x18W	13	2x18W	15	2x18W	15
1x36W	23	1x36W	32	1x36W	16
2x36W	11	2x36W	15	2x36W	10
1x58W	15	1x58W	20	1x58W	16
2x58W	7	2x58W	10	2x58W	7

