

NEW816 Multicolour
with clear lens816 Multicolour
with opaque lens7 colours in one beacon:
red, yellow, green, white, blue,
violet and turquoise

Sizes of Permanent Beacons



- 7 colours in one beacon
- Multiple status warnings can be signalled by one beacon
- Positive and negative logic
- The three basic colours (red/yellow/green) can be triggered using only two PLC outputs

Life duration up to 50,000 hrs**TECHNICAL SPECIFICATIONS:**

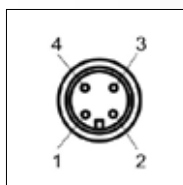
Dimensions (Ø x Height):	75 mm x 66 mm (Protrusion from panel)
Housing:	ABS/PC-Blend, black
Lens:	PC, transparent
	Shock resistance 20 Joules according to EN 60079-0
Fixing:	Installation mounting for Ø 37 mm (PG29)
Connection:	M12 plug (4 pole)
Colour options:	Red, yellow, green, white, blue (multicolour)

**ORDER SPECIFICATIONS:**

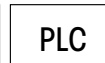
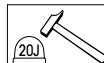
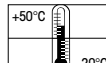
Voltage	24 V DC
Current consumption	max. 120 mA
clear lens	816 480 55
opaque lens	816 780 55

**ACCESSORIES:**

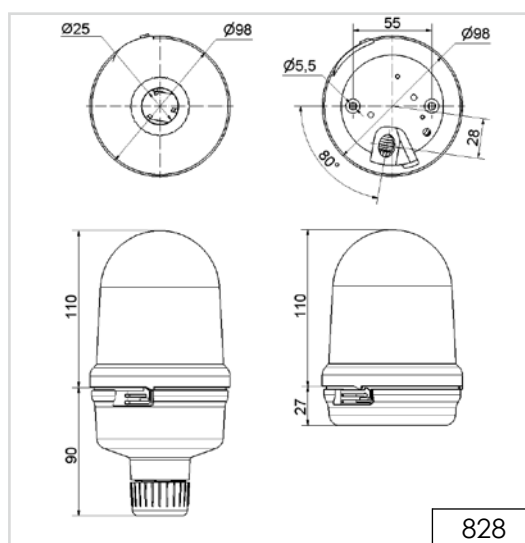
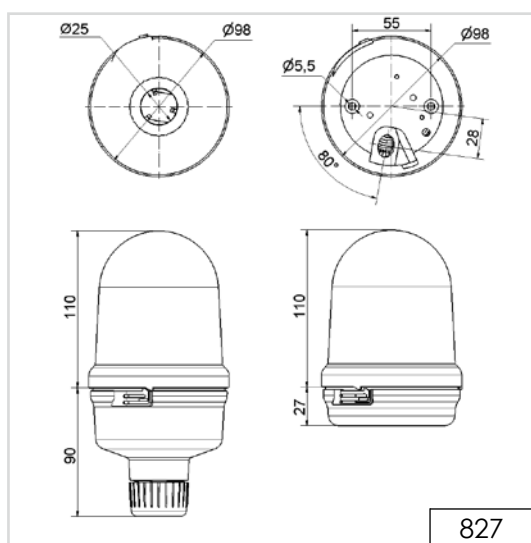
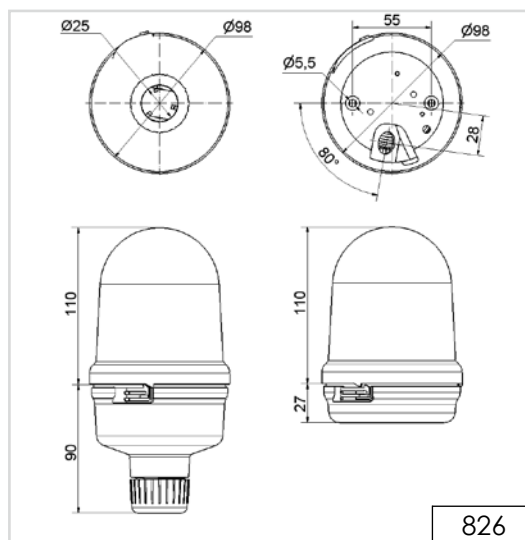
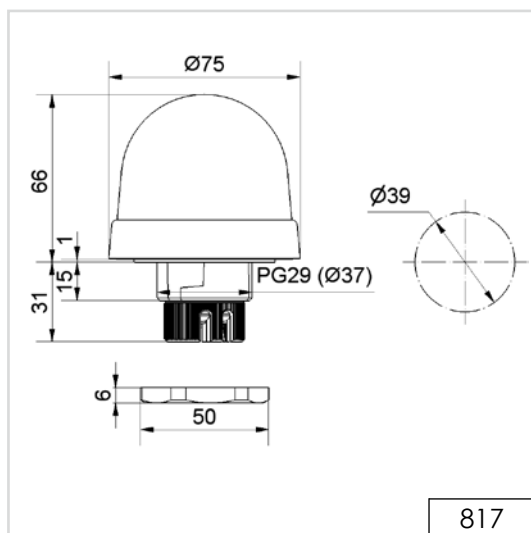
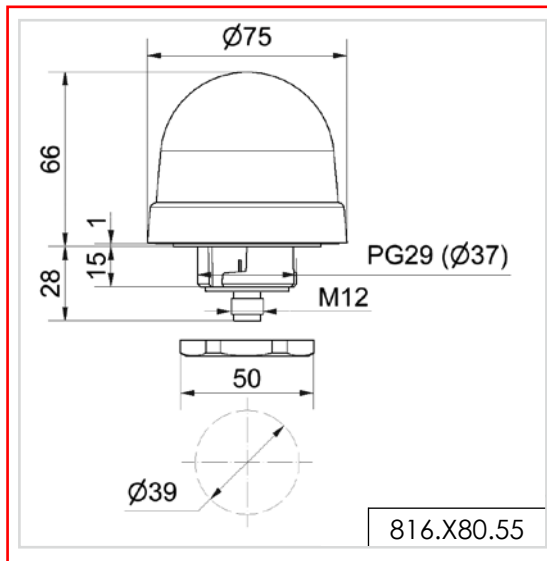
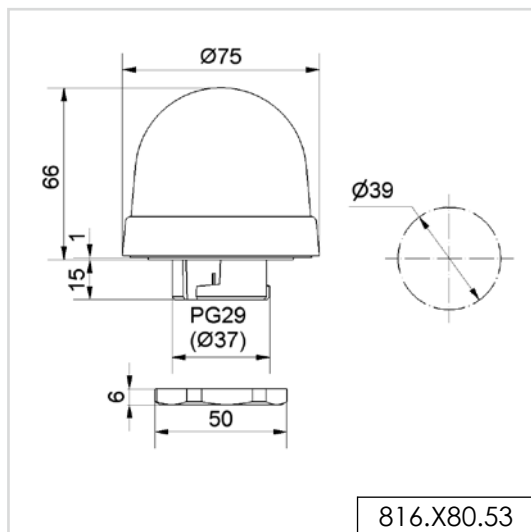
Cable 5m with M12 plug	960 693 05
Base for base mounting	975 812 02
Tube adaptor	975 812 01
Base with integrated tube, Ø 25 mm, 110 mm long, plastic	975 840 10
Tube Ø 25 mm, all anodized aluminium	
100 mm long	975 845 10
250 mm long	975 840 25
400 mm long	975 840 40
Base for tube mounting	975 840 91
Anti-twist device	975 815 22

**ADDITIONAL INFORMATION:****Easy triggering**

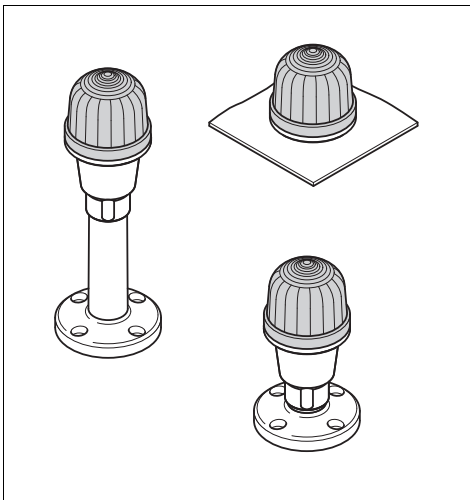
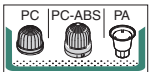
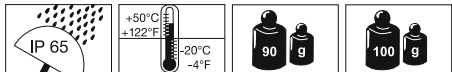
PIN				Colour
1	2	3	4	
24 V	-	GND	-	rd
-	24 V	GND	-	gn
24 V	24 V	GND	-	ye
-	-	GND	24 V	bu
24 V	24 V	GND	24 V	wh
24 V	-	GND	24 V	vt
-	24 V	GND	24 V	tg

**TECHNICAL DIAGRAMS: see page 316**See note
on page 347

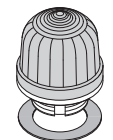
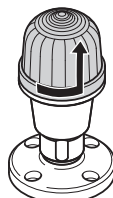
Technical Diagrams



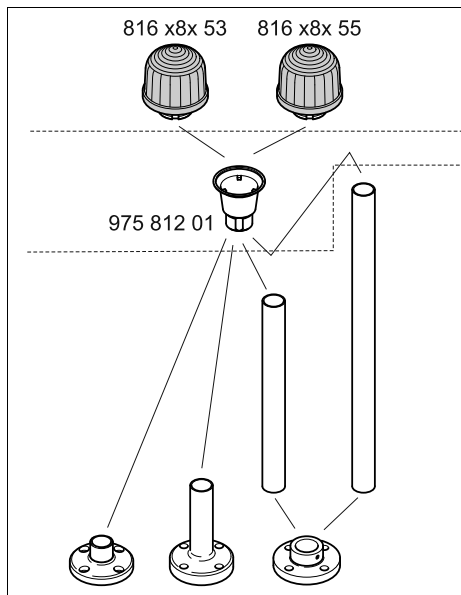
816 x8x 53 816 x8x 55

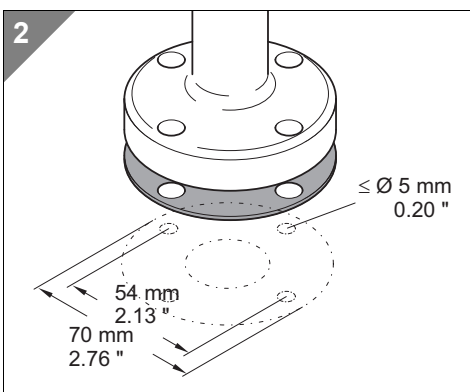
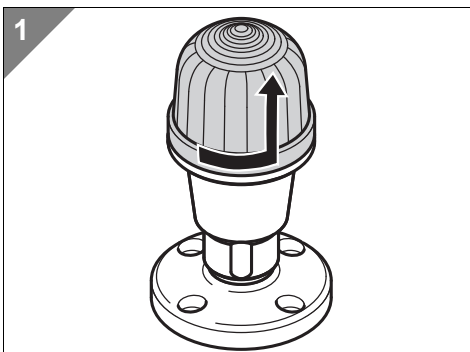


- Ⓓ Anschluss **ausschließlich** durch ausgebildete Elektro-Fachkräfte.
- ⒼB Electrical connection is to be made by trained electrical specialists **only**.
- Ⓕ Le branchement doit **uniquement** être effectué par des professionnels.
- Ⓘ Il collegamento deve essere eseguito **solo** da elettricisti specializzati.
- Ⓔ La conexión **sólo** debe ser realizada por electricistas debidamente formados.
- ⓅT A ligação deve ser feita **exclusivamente** por profissional eléctrico especializado.
- ⓃL De aansluiting mag **enkel** gebeuren door erkende vakmensen.
- ⒸZ Připojení smí **provádět** pouze kvalifikovaný personál.
- ⓅL Podłączenie **wyłącznie** przez specjalistów-elektryków.
- ⒻI Liittäminen kuuluu **ainoastaan** koulutettujen sähköalan ammattilaisten tehtäviin.
- ⓇUS Подключение проводится только специа-листом-электриком.
- ⓉR Bağlantı **sadece** eğitimli elektrik teknisyenleri tarafından yapılmalıdır.
- ⒸN 布线需由专业电工执行

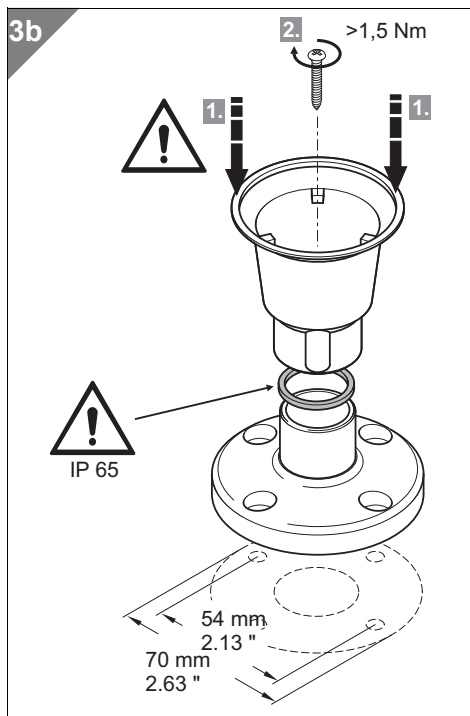
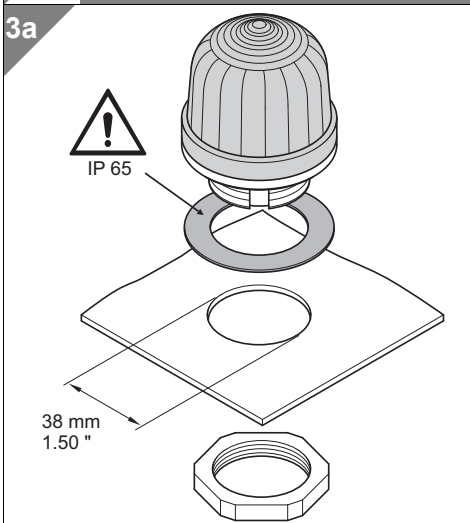


816 x8x 53	USB - 2.0, 5 V=
816 x8x 55	24 V=, ≤120 mA
	960 693 05

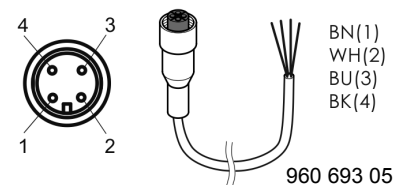
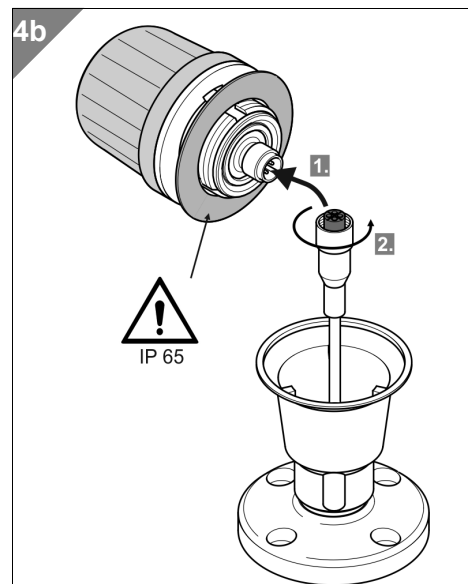
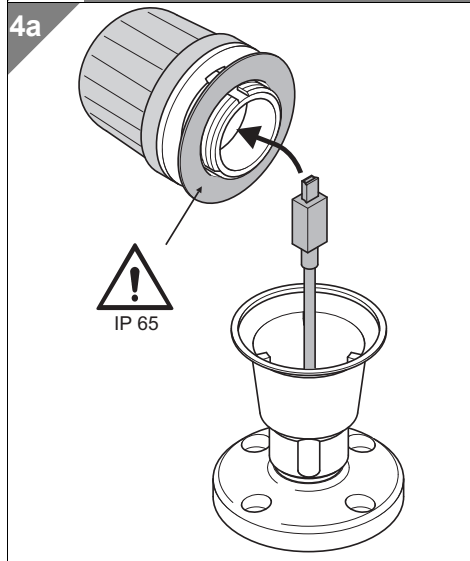




3
3a - 816 x8x xx
3b - 975 812 01, 975 812 02



4
4a - 816 x8x 53
4b - 816 x8x 55



Pin				Colour
1	2	3	4	
+24 V=	NC	GND	NC	RD
NC	+24 V=	GND	NC	GN
+24 V=	+24 V=	GND	NC	YE
NC	NC	GND	+24 V=	BU
+24 V=	+24 V=	GND	+24 V=	WH
+24 V=	NC	GND	+24 V=	VT
NC	+24 V=	GND	+24 V=	TQ

NC = not connected

