Simple assembly concept

- **by screw-mounting**
- **geared to 40 mm profile rail**
- **with a powerful magnet for variable applications**

2-colored lighted (red/green)

(figure similar)

Figure	Name	Description	Article No.
	Safety E-STOP button module AS-i	2-colored lighted (red/green), with 2 holes for screw mounting	**BW2773**
	Safety E-STOP button module AS-i	2-colored lighted (red/green), with retaining clip	**BW2529**
	Safety E-STOP button module AS-i	2-colored lighted (red/green), with magnet	**BW2709**
	Safety E-STOP button module AS-i	unlighted, with retaining clip	**BW2585**
	AS-i pushbutton module	2 buttons each 2-colored lighted (red/green), with 2 holes for screw mounting	**BW3159**
	AS-i pushbutton module	2 buttons each 2-colored lighted (red/green), with retaining clip	**BW2528**
	AS-i pushbutton module	2 buttons each 2-colored lighted (red/green), with magnet	**BW2708**
	E-stop button	with plug-in-shoe connection	**BW2527**

Article no.	BW2709	BW2773	BW2529	BW2585	BW2527
General data					
Device type	Safety E-STOP button module AS-i				
Connection					
Connections	M12				plug-in-shoe connection 2,8 x 0,8 mm
AS-i					
Profile	S-7.B.0				–
voltage	18 ... 31,6 V				–
Max. current consumption	< 50 mA				–
Display					
LED (green)	see table "BW2529 / BW2709 / BW2773 operating options"			–	
LED (red)	see table "BW2529 / BW2709 / BW2773 operating options"			–	
Robustness					
Robustness	–				acc. IEC 60068-2-3 IEC 60068-2-30
Shock resistance	–	acc. EN 60068-2-27			
Vibration resistance	–	acc. EN 60068-2-6			
Environmental stability	acc. EN 60068-2				acc. IEC 60068-2-11
Environment					
Applied standards	EN ISO 13849-1 PLe cat 4 EN ISO 13849-2 EN 62061 SIL 3 EN ISO 13850 EN ISO 60947-5-1 EN ISO 60947-5-5 EN 61000-6-2 EN 61000-6-4				–
AS-i standard	EN 50295				–
Operating altitude	max. 2000 m				
Ambient temperature	0 °C ... +70 °C				-25 °C ... +70 °C
Storage temperature	-25 °C … +85 °C				-40 °C ... +80 °C
Protection category (EN 60529)	IP54 (in unlocked state)				IP54 / IP20
Installation depth	–				27 mm
Mounting options	magnet	rail mounting or screws	retaining clip		installation opening
Contacts	gold contacts, for 100% reliable switching				
Contact assignment	2 Ö				
Shock resistance min.	100 N				
Mushroom diameter	30 mm				
Life cycle min. (switching cycle)	50.000				
Dimensions (W / H / D in mm)	132 / 42 / 66	123 / 42 / 60			60 / 30 / 30

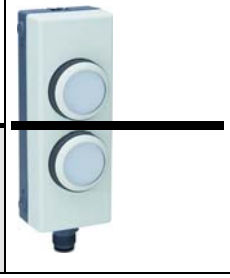
Article no.	BW3159	BW2528	BW2708
General data			
Device type	AS-i pushbutton module		
Connection			
Connections	M12		
AS-i			
Profile	S-7.A.7		
voltage	18 ... 31,6 V		
Max. current consumption	< 80 mA		
Display			
LED (green)	D0 / D2		
LED (red)	D1 / D3		
Robustness			
Robustness	–		
Shock resistance	acc. EN 60068-2-27		–
Vibration resistance	acc. EN 60068-2-6		–
Environmental stability	acc. EN 60068-2		
Environment			
Applied standards	EN 61 000-6-2 EN 61 000-6-4		
AS-i standard	EN 50295		
Operating altitude	max. 2000 m		
Ambient temperature	0 °C ... +70 °C		
Storage temperature	-25 °C ... +85 °C		
Protection category (EN 60529)	IP54		
Installation depth	–		
Mounting options	rail mounting or screws	retaining clip	magnet
Contacts	gold contacts, for 100% reliable switching		
Contact assignment	NO contact, per button 1 NO contact		
Shock resistance min.	100 N		
Mushroom diameter	–		
Life cycle min. (switching cycle)	1.000.000		
Dimensions (W / H / D in mm)	123 / 42 / 40		123 / 42 / 46

BW2529 / BW2709 / BW2773 operating options

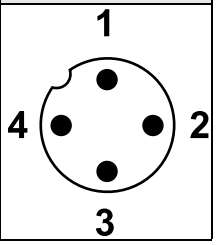
	Parameter bit		LED display			
	P1	**P0**	**green**	**red**	**yellow**	**yellow flashing (1 Hz)**
Operation by switch	1 (1)	1 (1)	unlocked	operated	–	no AS-i communication
	0	1	operated	unlocked		
Operation via AS-i	x	0	DO1	DO0	DO0 + DO1	no AS-i communication

(1) default

BW2528, BW2708, BW3159:

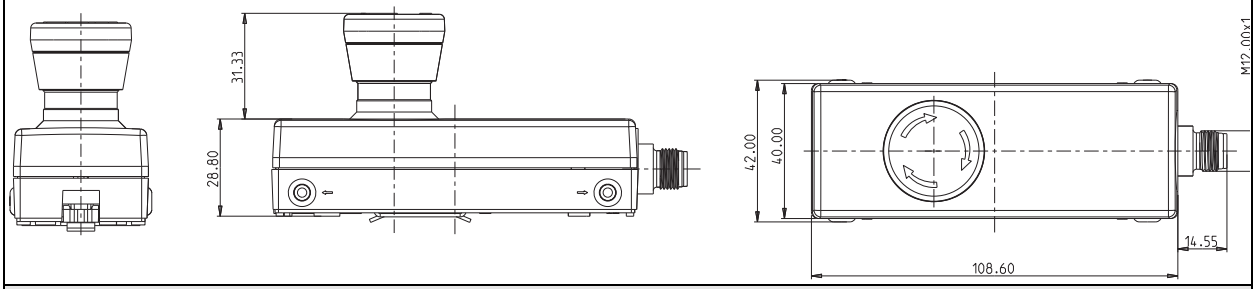
		DO0	DO1	DO2	DO3	DI0	DI1
Button above		–	–	green	red	–	•
Button below		green	red	–	–	•	–

Pin assignment

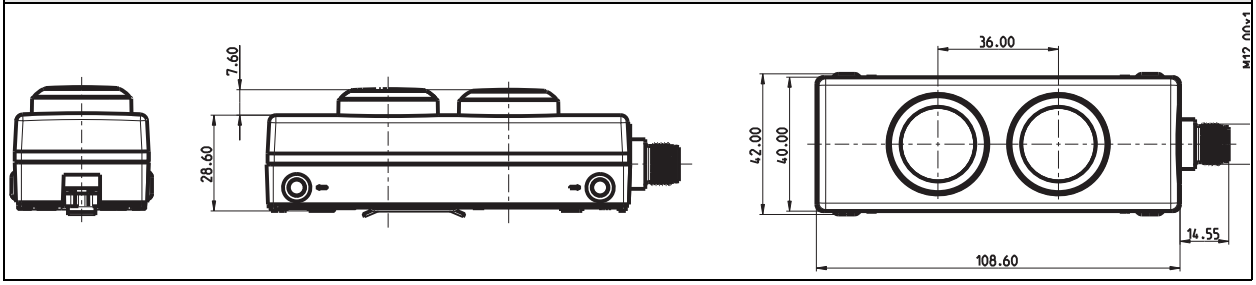
Connections					
Article no.	**Pin1**	**Pin2**	**Pin3**	**Pin4**	
BW2528, BW2529, BW2585, BW2708, BW2709, BW2773, BW3159	AS-i+	n.c.	AS-i-	n.c.	

Dimensions:

BW2529, BW2585, BW2709, BW2773, BW3159

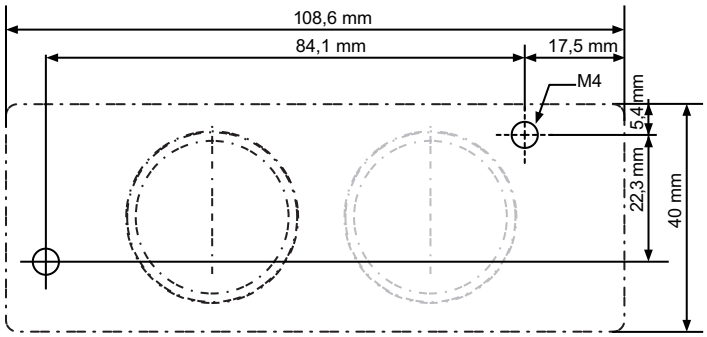


BW2528, BW2708

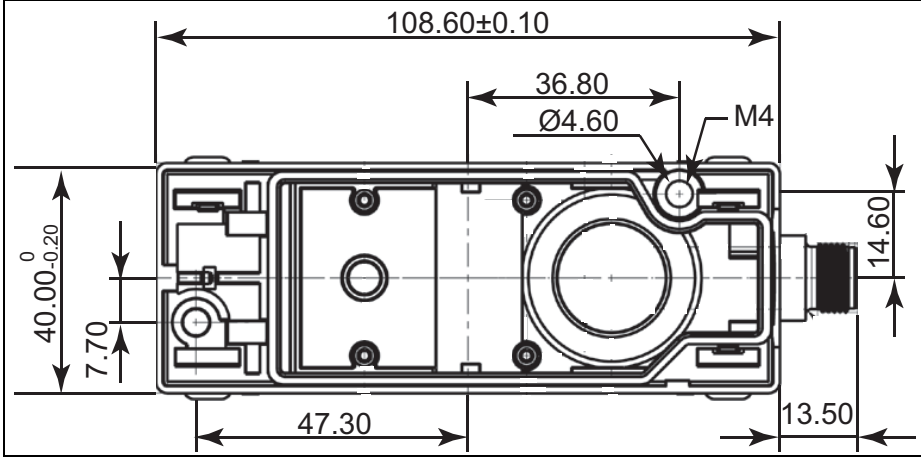


Drilling pattern for direct mounting via screws

BW2773, BW3159



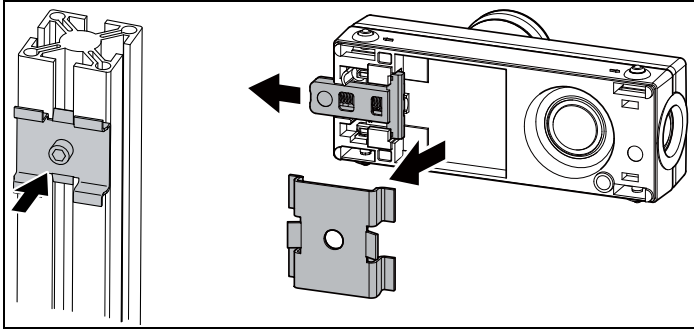
BW2528



Alternatively to the metal clip-mounting, it's possible to mount the base directly with M4 screws.

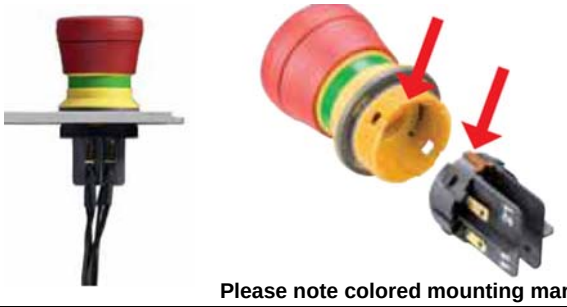
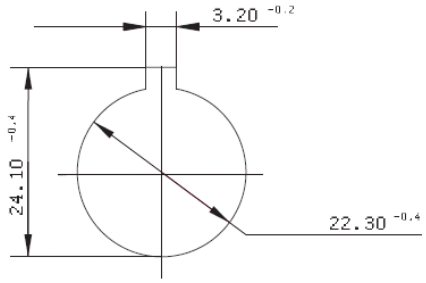
Image for rail mounting:

BW2528, BW2529, BW2585, BW2773
(BW2529 and BW2585: Mounting only about retaining clip!)



Installation opening for BW25527

- suitable for 22,3 mm according IEC 60947-5-1
- All control elements are equipped with an twisting protection nose



Please note colored mounting marking!