

Complete documentation & GSDML file available for download at www.lika.biz



Warning: encoders having order code ending with "/Sxxx" may have mechanical and electrical characteristics different from standard and be supplied with additional documentation for special connections (Technical Info).
Attenzione: gli encoder con codice di ordinazione finale "/Sxxx" possono avere caratteristiche meccaniche ed elettriche diverse dallo standard ed essere provvisti di documentazione aggiuntiva per cablaggi speciali (Technical info).
Achtung: Geräte, deren Bestellschlüssel mit der Kennung /Sxxx enden, können in ihren mech. und elektr. Eigenschaften vom Standard abweichen. Diese werden daher mit einer ergänzenden Dokumentation ausgeliefert (Technical info).
Atención: los encoders con código de pedido acabado en "/Sxxx" pueden tener características mecánicas y eléctricas diferentes a las básicas y documentación adicional relativa a conexiones especiales (Technical Info).
Attention: les codeurs avec code de commande terminant en "/Sxxx" peuvent avoir des caractéristiques mécaniques et électriques différentes du standard et documentation additionnelle pour les câblages spéciaux (Technical info).

EN	Mounting instructions
	<ul style="list-style-type: none"> Mount the flexible coupling 1 on the encoder shaft; fix the encoder to the flange 2 (or to the mounting bell) by means of screws type M4 3; mount the flexible coupling 1 on the motor shaft, then secure the flange 2 to the support (or the mounting bell to the motor); make sure the misalignment tolerances of the flexible coupling 1 are met.

IT	Istruzioni di montaggio
	<ul style="list-style-type: none"> Fissare il giunto elastico 1 all'encoder; fissare l'encoder alla flangia di fissaggio 2 o alla campana utilizzando le viti tipo M4 3; fissare il giunto elastico 1 al motore, poi fissare la flangia 2 al supporto o la campana al motore; assicurarsi che le tolleranze di disallineamento ammesse dal giunto elastico 1 siano rispettate.

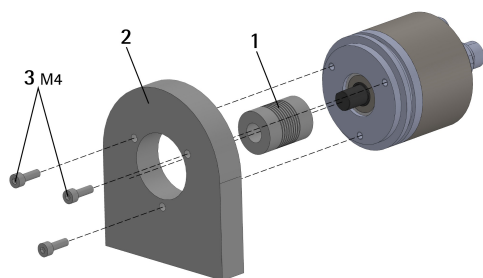
DE	Montagehinweise
	<ul style="list-style-type: none"> Die Kupplung 1 auf den Geber montieren; Geber mit dem Flansch 2 bzw. der Montageglocke mittels Schrauben M4 3 verschrauben; die Kupplung 1 auf die Motorwelle montieren und den Flansch 2 auf seiner Auflage bzw. die Montageglocke am Motor fixieren; es muss sichergestellt sein, dass die zulässigen Toleranzen der Kupplung 1 eingehalten werden.

ES	Instrucciones de montaje
	<ul style="list-style-type: none"> Montar el acoplamiento elástico 1 en el eje del encoder; fijar el encoder a la brida 2 (o a la campana) mediante los tornillos tipo M4 3; montar el acoplamiento elástico 1 en el eje del motor, después fijar la brida 2 al soporte (o la campana al motor); asegurarse de que se respetan las tolerancias de desalineación permitidas por el acoplamiento elástico 1.

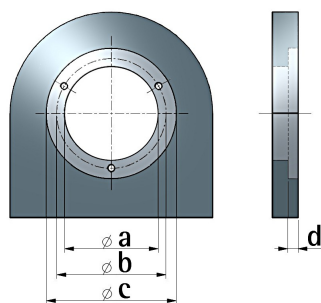
FR	Instructions de montage
	<ul style="list-style-type: none"> Monter le joint élastique 1 sur l'arbre du codeur; fixer le codeur à la bride 2 (ou à la cloche de montage) au moyen des vis type M4 3; monter le joint élastique 1 sur l'arbre du moteur, puis fixer la bride 2 au support (ou la cloche de montage au moteur); s'assurer que les tolérances de mauvais alignement admises par le joint élastique 1 soient respectées.



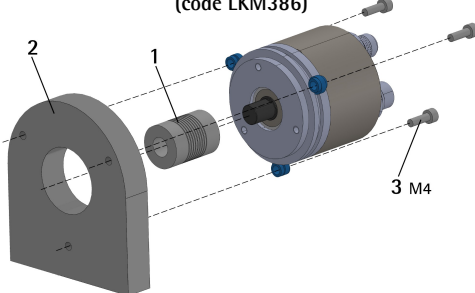
EXM58, EXM58S, EXO58, EXO58S



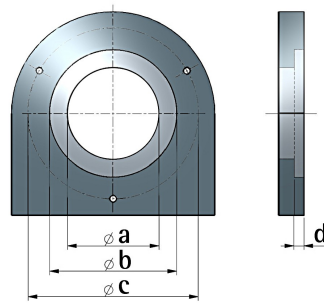
	a [mm]	b [mm]	c [mm]	d [mm]
EXM58, EXO58	-	42	50 F7	4
EXM58S, EXO58S	36 H7	48	-	-



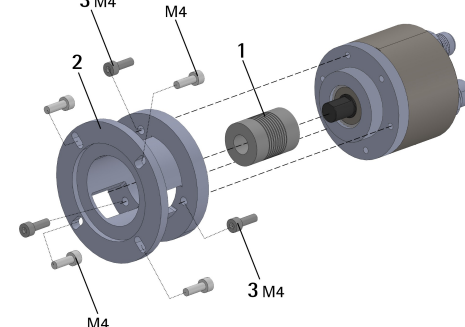
EXM58, EXM58S, EXO58, EXO58S with fixing clamps (code LKM386)



	a [mm]	b [mm]	c [mm]	d [mm]
EXM58, EXO58	-	50 F7	67	4
EXM58S, EXO58S	36 H7	-	67	-



EXM58S, EXO58S with mounting bell (code PF4256)

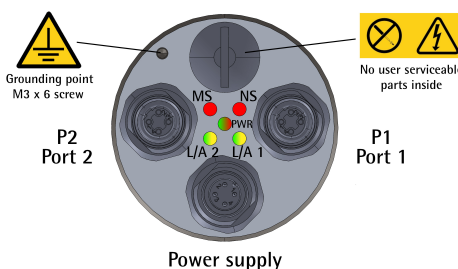


Description	Pin	M12 4-pin Male, A coding PWR POWER SUPPLY
+5Vdc +30Vdc	1	
n.c.	2	
0Vdc	3	
n.c.	4	

Connector type

frontal side lato contatti
Aufsicht Stiftseite
lado contactos côté contacts

n.c. = not connected



Power supply

The unit can be identified in the network through the **MAC address**, the **IP address** and the **Device name**. The **MAC address** is an identifier unique worldwide. The **MAC-ID** consists of two parts: the first 3 bytes are the manufacturer ID and are provided by IEE standard authority; the last three bytes represent a consecutive number of the manufacturer. By default, before delivery the **Device name** of the encoder is set to a **blank string** and the **IP address** is set to **0.0.0.0**. Profinet network needs no line termination because the line is terminated automatically. 100 Mbps, full-duplex Ethernet network. PORT 1 and PORT 2 are interchangeable.

Description	Pin	M12 4-pin Female, D coding PORT 1, PORT 2
Tx Data +	1	
Rx Data +	2	
Tx Data -	3	
Rx Data -	4	



Installation has to be carried out with power supply disconnected.
L'installazione deve essere eseguita in assenza di tensione.
Der Anschluss darf nur bei ausgeschalteter Versorgungsspannung erfolgen.
La instalación sólo debe ser efectuada en ausencia total de tensión.
Le montage du dispositif doit être effectué en absence totale de tension.

DIAGNOSTIC LEDs

	OFF	ON	Blinking/Flashing
PWR	Power OFF	GREEN power ON	RED no firmware installed
L/A	No link	GREEN device linked	-
	No activity	-	YELLOW activity
NS	No error	RED no physical link	RED no data exchange
MS	No error	RED system error	RED DCP service initiated

