

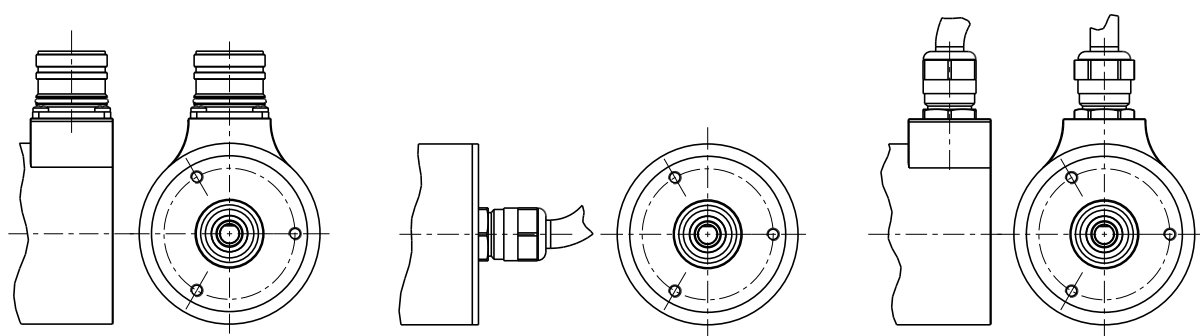
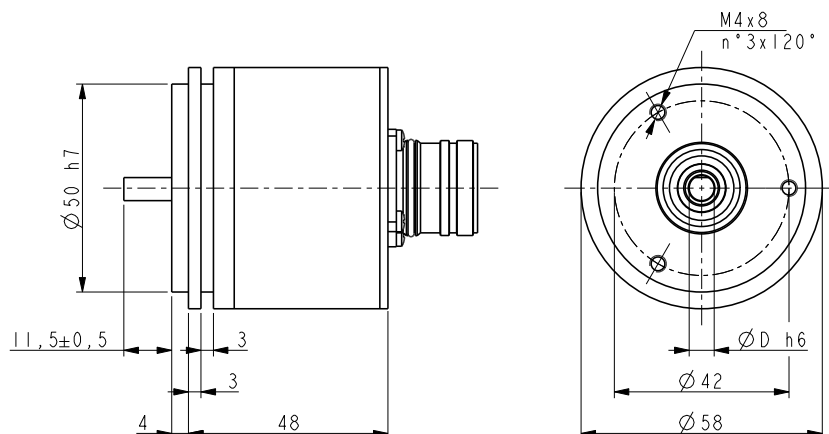
OBSOLETE

This product has reached End of Life and is no longer available.
Some spare parts might be available until parts run out of stock.

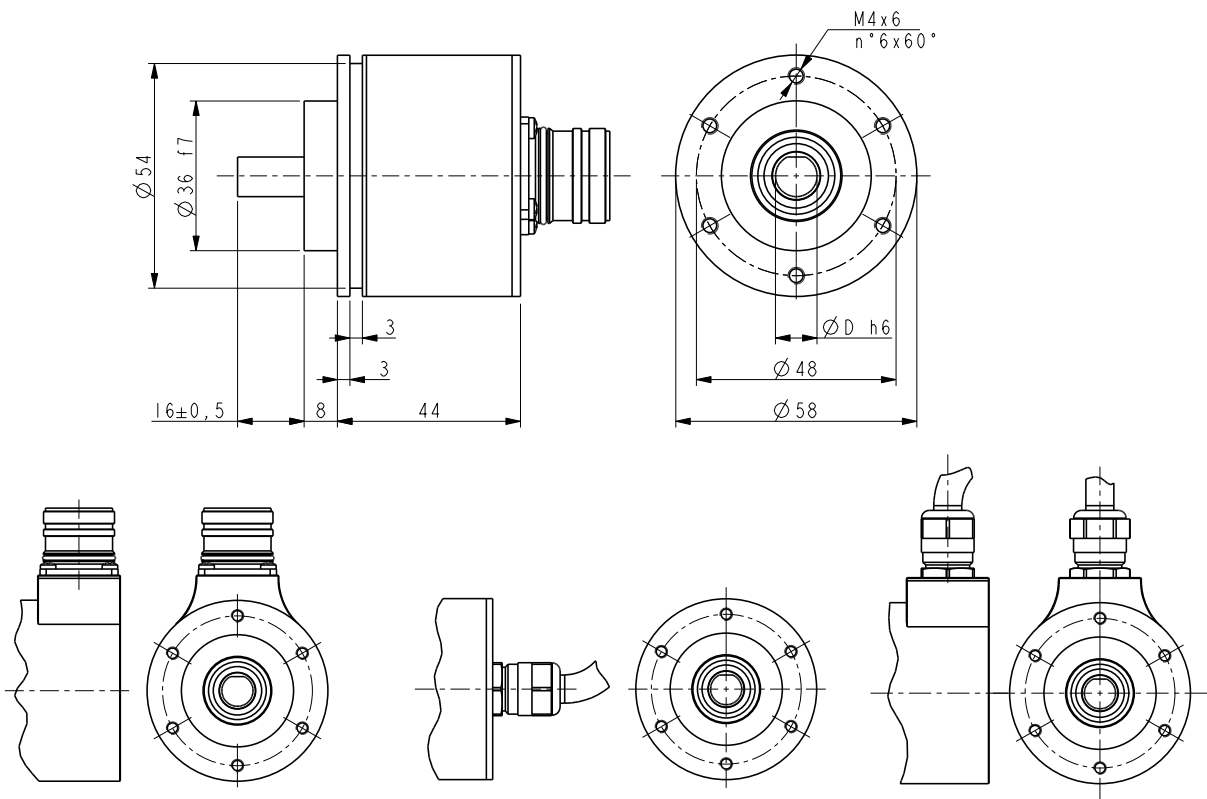
Please read our NPC25001 (notification of product change).

Closest replacement product is: R. EHM58

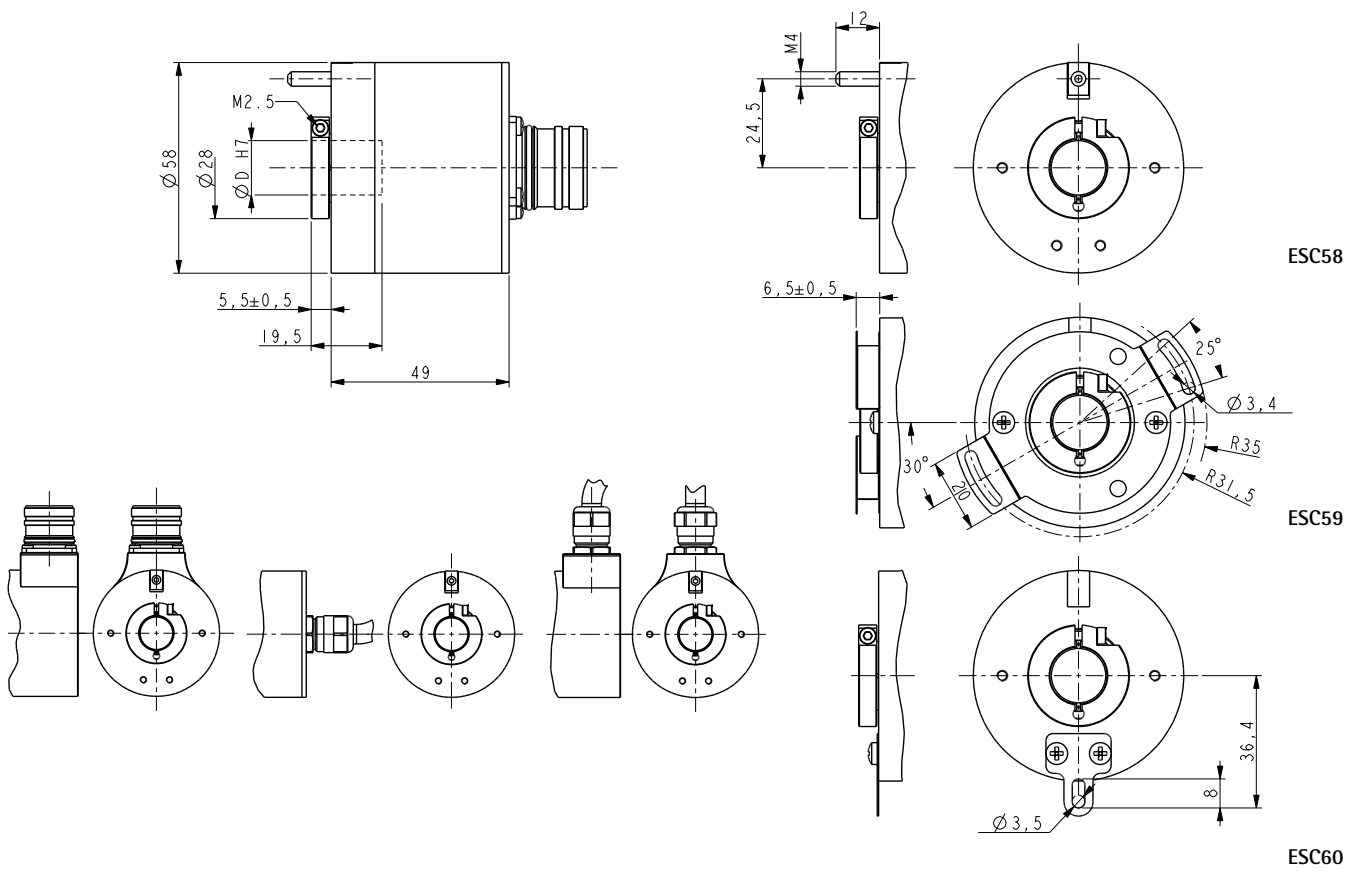
ES58 • ES58S • ESC58



ES58



ESC58S



ESC58

ESC59

ESC60

Document release	Date	Description
1.2	6.05.2026	Obsolete / End of life
1.1	4.12.2025	Phase Out
1.0	February 2024	New order code

Smart encoders & actuators

To
all Business partners

k. attn. Purchasing Manager
Technical Manager
Obsolescence Manager

Carrè, 07.05.2026
Our ref.: NPC25001 ES58-EM58-HS58-HM58-HSCT-HMCT

Subject: Notification of Change to:

ES58, EM58, HS58, HM58, HSCT & HMCT Series

Dear Customer,

In the process of continuous improvement to the quality, reliability and competitiveness of our products it is necessary to make occasional updates or changes to one of our products.

Details thereof are given in this letter and/or attachment. We would be happy to answer any queries you might have.

Change Category

☐ Minor Change	☒ Major Change
☒ End of Life Notification / Product obsolete	☐ Datasheet specification Change
☒ Design Change	☒ Ordering code Change
☐ Material / Component Change	☐ Process / Manufacturing Facility Change

Description of Change

Lika has designed new absolute encoders with improved magnetic and optical singleturn sensing and our EHG multiturn (energy harvesting generator) technology platform.

Compared to the old ES58, EM58, HS58, HM58, HSCT & HMCT series the new products have better performance and a more modern design.

The above-mentioned products will gradually be replaced by the new EHM58, EHO58 and EHCT59 series (see attached datasheets). In case of HSCT and HMCT the replacement will be immediate.

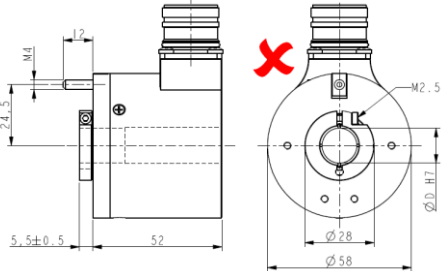
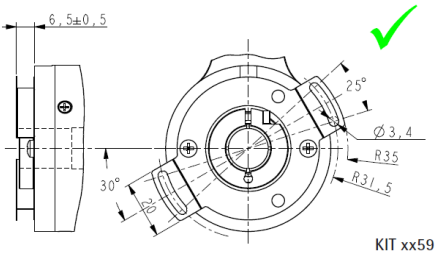
Special "replacement" models will be created to grant maximum backward compatibility for spare part purposes. These models will be based on the above-mentioned new series, but offer bigger options variety. They can be identified with R.EHM58, R.EHO58 and R.EHCT59.

Advantages of these new products and details of changes are listed below.

Smart encoders & actuators

Description	Before	Now
ES58 bit parallel EM58 bit parallel HS58, HM58 FB series HM58 P series EM58 PA series EM58 TA series	ES58 with BY2, GY2, BN2, GN2 output EM58 with BY2, GY2, BN2, GN2 output HS58, HM58 with FB2 output (fieldbus) HM58 with PS, PY output (progr.) EM58 with PA2 output (progr. analogue) EM58 with Tlx, TVx output (analogue)	These families are NOT affected. A future replacement model will be prepared and presented in case of phasing-out.
ES58, EM58 series (*) with SSI interface only (BS2, GS2, BA2, GA2) (*) including versions ES58, ES58S, ESC58, ESC59, ESC60, EM58, EM58S, EMC58, EMC59, EMC60	ES58/EM58-aa-bb-ccc-dd-ee-fggg ES58S/EM58S-aa-bb-ccc-dd-ee-fggg ESC58/EMC58-aa-bb-ccc-dd-ee-fggg ESC59/EMC59-aa-bb-ccc-dd-ee-fggg ESC60/EMC60-aa-bb-ccc-dd-ee-fggg aa = any singleturn resolution bb = any multiturn resolution cc = BS2, GS2, BA2, GA2 interface dd = shaft diameter (no change) ee = PT = IP65, -25°C +85°C PK = IP65, -40°C +100°C fggg = connection type (no change)	R.EHM58-aa-bb-ccc-dd-ee-fggg R.EHM58S-aa-bb-ccc-dd-ee-fggg R.EHM58C-aa-bb-ccc-dd-ee-fggg R.EHM59C-aa-bb-ccc-dd-ee-fggg R.EHM59C-aa-bb-ccc-dd-ee-fggg +KIT-xx60 aa = 1-to-1 replacement will be offered bb = 1-to-1 replacement will be offered cc = 1-to-1 repl. BS4, GS4, BA4, GA4 offered dd = 1-to-1 replacement will be offered ee = PT = IP65, -25°C +85°C fggg = 1-to-1 replacement will be offered
HS58, HM58, HSCT, HMCT series (*) with SSI interface only (BA2, GA2, G12, G62) (*) including versions HS58, HS58S, HSC58, HSC59, HSC60, HM58, HM58S, HMC58, HMC59, HMC60	HS58/HM58-aa-bb-ccc-dd-ee-fggg HS58S/HM58S-aa-bb-ccc-dd-ee-fggg HSC58/HMC58-aa-bb-ccc-dd-ee-fggg HSC59/HMC59-aa-bb-ccc-dd-ee-fggg HSC60/HMC60-aa-bb-ccc-dd-ee-fggg HSCT/HMCT-aa-bb-ccc-dd-ee-fggg aa = any singleturn resolution bb = any multiturn resolution cc = BA2, GA2, G12, G62 interface dd = shaft diameter (no change) ee = PT = IP65, -25°C +85°C fggg = connection type (no change)	R.EH058-aa-bb-ccc-dd-ee-fggg R.EH058S-aa-bb-ccc-dd-ee-fggg R.EH058C-aa-bb-ccc-dd-ee-fggg R.EH059C-aa-bb-ccc-dd-ee-fggg R.EH059C-aa-bb-ccc-dd-ee-fggg +KIT-xx60 R.EHCT-aa-bb-ccc-dd-ee-fggg aa = 1-to-1 replacement will be offered bb = 1-to-1 replacement will be offered cc = 1-to-1 repl. BA4, GA4, G14, G64 offered dd = 1-to-1 replacement will be offered ee = PT = IP65, -25°C +85°C fggg = 1-to-1 replacement will be offered
HS58, HM58 HSCT, HMCT series (*) with SSI interface only (BG2, GG2) (*) including versions HS58, HS58S, HSC58, HSC59, HSC60, HM58, HM58S, HMC58, HMC59, HMC60	HS58/HM58-aa-bb-ccc-dd-ee-fggg HS58S/HM58S-aa-bb-ccc-dd-ee-fggg HSC58/HMC58-aa-bb-ccc-dd-ee-fggg HSC59/HMC59-aa-bb-ccc-dd-ee-fggg HSC60/HMC60-aa-bb-ccc-dd-ee-fggg HSCT/HMCT-aa-bb-ccc-dd-ee-fggg aa = any singleturn resolution bb = any multiturn resolution cc = BG2, GG2 interface dd = shaft diameter (no change) ee = PT = IP65, -25°C +85°C fggg = connection type (no change)	EH058-aa-bb-ccc-dd-ee-fggg EH058S-aa-bb-ccc-dd-ee-fggg EH058C-aa-bb-ccc-dd-ee-fggg EH059C-aa-bb-ccc-dd-ee-fggg EH059C-aa-bb-ccc-dd-ee-fggg +KIT-xx60 R.EHCT-aa-bb-ccc-dd-ee-fggg aa = 1-to-1 replacement will be offered bb = 1-to-1 replacement will be offered cc = 1-to-1 replacement BG4, GG4 offered dd = 1-to-1 replacement will be offered ee = PT = IP65, -25°C +85°C fggg = 1-to-1 replacement will be offered

Smart encoders & actuators

HS58, HM58, HSCT, HMCT series (*) with SSI interface only (BV2, GV2, SC1, SC2) (*) including versions HS58, HS58S, HSC58, HSC59, HSC60, HM58, HM58S, HMC58, HMC59, HMC60	HS58/HM58-aa-bb-ccc-dd-ee-fggg HS58S/HM58S-aa-bb-ccc-dd-ee-fggg HSC58/HMC58-aa-bb-ccc-dd-ee-fggg HSC59/HMC59-aa-bb-ccc-dd-ee-fggg HSC60/HMC60-aa-bb-ccc-dd-ee-fggg HSCT/HMCT-aa-bb-ccc-dd-ee-fggg aa = any singleturn resolution bb = any multiturn resolution cc = BV2, GV2, SC1, SC2 interface dd = shaft diameter (no change) ee = PT = IP65, -25°C +85°C fggg = connection type (no change) BV2 = SSI binary + 2048PPR sin/cos GV2 = SSI gray + 2048PPR sin/cos SC1 = BiSS-C + 2048PPR sin/cos, 5Vdc SC2 = BiSS-C + 2048PPR sin/cos, 10-30V	R.EH058-aa-bb-ccc-dd-ee-fggg R.EH058S-aa-bb-ccc-dd-ee-fggg R.EH058C-aa-bb-ccc-dd-ee-fggg R.EH059C-aa-bb-ccc-dd-ee-fggg R.EH059C-aa-bb-ccc-dd-ee-fggg +KIT-xx60 R.EHCT-aa-bb-ccc-dd-ee-fggg aa = 1-to-1 replacement will be offered bb = 1-to-1 replacement will be offered cc = see differences explained below dd = 1-to-1 replacement will be offered ee = PT = IP65, -25°C +85°C fggg = 1-to-1 replacement will be offered BV2 = SSI binary + 512PPR sin/cos (*) GV2 = SSI gray + 512PPR sin/cos (*) SC4 = BiSS-C + 512PPR sin/cos, 5-30Vdc (*) SC4 = BiSS-C + 512PPR sin/cos, 5-30Vdc (*) (*) 1024PPR sin/cos for R.EHCT59
Housing length (mm)	ES58, EM58 HS58, HM58 axial connection = 48mm radial connection = 48mm ES58S, EM58S HS58S, HM58S axial connection = 44mm radial connection = 44mm ESC58, ESC59, ESC60 EMC58, EMC59, EMC60 HSC58, HSC59, HSC60 HMC58, HMC59, HMC60 axial connection = 49mm radial connection = 49mm HSCT, HMCT radial connection = 52mm	R.EHM58 R.EH058 axial connection = 58mm radial connection = 48mm R.EHM58S R.EH058S axial connection = 58mm radial connection = 48mm R.EHM58C, R.EHM59C R.EH058C, R.EH059C, R.EH059C+KIT-xx60 R.EH058C, R.EH059C, R.EH059C+KIT-xx60 axial connection = 59mm radial connection = 49mm R.EHCT59 radial connection = 41mm
HSCT, HMCT series Antirotation pin xx58-style		Temporarily not available. Only fixing plate xx59 style available. 



Lika Electronic Srl
Via S. Lorenzo, 25
36010 Carrè (VI) • Italy

Smart encoders & actuators

Customer Impact

☒ Customer should verify this document.	☒ Customer should verify impacts on mechanical or electrical interface
☒ Sampling, testing & approval is recommended.	☐ No direct alternative available. Please contact your sales representative

Spare part orders of the old models will be possible for limited q.ties.

New orders should be converted immediately to the new series.
Our sales team will assist you with the conversion of part numbers.

Selected special & customized versions will be still available. → Call your sales contact for detailed information

You are welcome to address your sales engineer for technical issues, and certainly our sales assistants for any ordering issue.

Best Regards
LIKA ELECTRONIC Srl
Sales & Marketing team

Rev.2 op.temp corrected 07.05.2026