

ROTACOD

Absolute encoders with Ethernet interfaces

Series

EM58 • HS58 • HM58 Ethernet

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 NPC26001 (notification of product change).

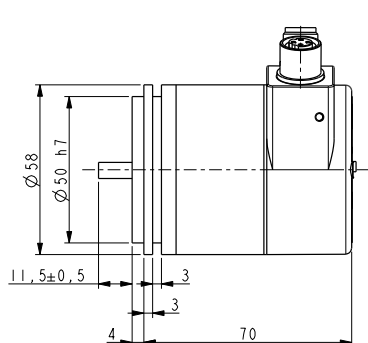
Closest replacement product is: EX058 - EXM58



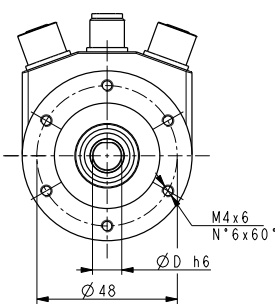
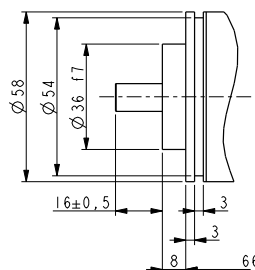
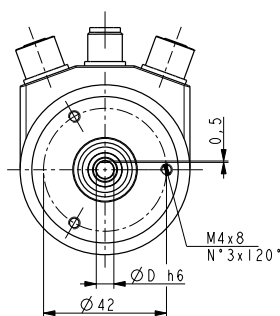
EM58 • HS58 • HM58 Ethernet



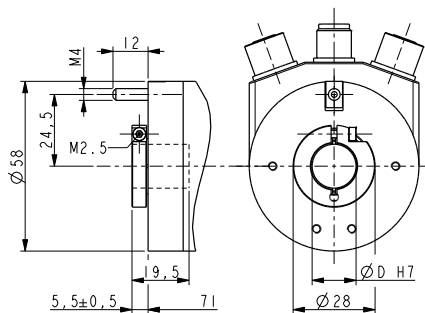
Ethernet/IP



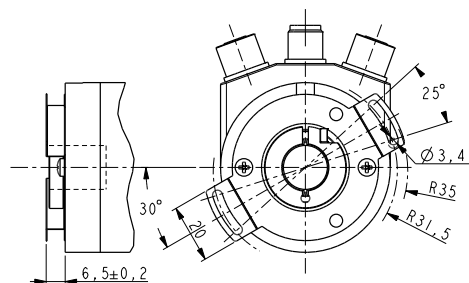
EM58 • HS58 • HM58



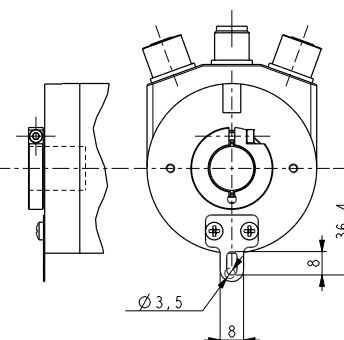
EM58S • HS58S • HM58S



EMC58 • HSC58 • HMC58



EMC59 • HSC59 • HMC59



EMC60 • HSC60 • HMC60

Document release	Date	Description
1.2	6.05.2026	Obsolete/End of life
1.1	18.07.2025	Phase out EM58, HS58 & HM58 EtherCAT (EC2/PL2) encoders series, NPC25012
1.0	September 2023	Phase out and replacement version (Profinet)

Smart encoders & actuators

To
all Business partners

k. attn. Purchasing Manager
Technical Manager
Obsolescence Manager

Carrè, 20.03.2023
Our ref.: NPC23003 Ethernet encoders

Subject: Notification of Change to:

EM58, HS58 & HM58 Ethernet encoder 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

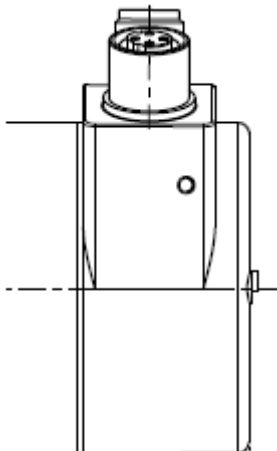
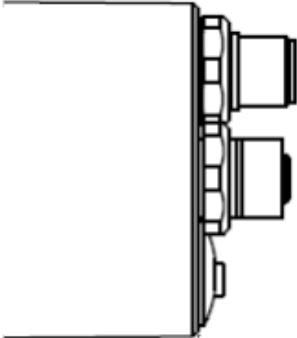
Description of Change

Lika has 3 encoder series with several Ethernet interfaces, such as Profinet, Ethernet/IP, EtherCAT, Powerlink and Modbus-TCP. All 3 series are equipped with an Ethernet module/component which is encountering heavy delivery problems since 2022 and reduced availability to cover approx. only 10% of our demand.

This situation has forced Lika to design-in an alternative component and in the meantime introduce other improvements to develop the next generation Ethernet encoder families.

The main advantages of the new EXM58 and EXO58 series are:

- compact design and axial connectors
- energy harvesting multiturn technology
- improved Ethernet interface performance

[Type of change] Description	Before	Now
[Order code change] Order codes EM58 series	EM58 EM58S EMC58, EMC59	EXM58 EXM58S EXM58C, EXM59C
[Order code change] Order codes HS58 series	HS58 HS58S HSC58, HSC59	EXO58 EXO58S EXO58C, EXO59C
[Order code change] Order codes HM58 series	HM58 HM58S HMC58, HMC59	EXO58 EXO58S EXO58C, EXO59C
[Mechanical interface change] Fixing plate style "xx60"	EMC60, HSC60, HMC60	will be replaced by xxx59C + KIT xx60 (kit of fixing plate and screws) Customer will need to mount the fixing plate on his own. Mechanical compatibility is 100%
[Mechanical interface change] Connector position		

		
Mechanical interface change] Overall dimensions	see attached datasheet CAT EM58_HS58_HM58 Ethernet E	see attached datasheet CAT EX058_EXM58 E preliminary
[Mechanical interface change] Shaft length	EM58S, HS58S, HM58S shaft length is 16 mm (this change does not apply to other types)	EXM58S, EX058S shaft length is 20 mm (this change does not apply to other types)
[Software configuration] Installation files	---	New installation files for EXM58 and EX058 will be created and replace those for EM58, HS58, HM58 series



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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

This change is effective immediately for all purchase orders you find in the attached list.
Due to the component shortage mentioned above LTO's (last time orders) are not possible.

We will convert automatically all part numbers (from old to new) on your purchase orders if you agree to this product change. In case you do not agree it will be possible to cancel your orders within 17th April 2023.

Attachments

List of purchase orders and order code conversion
CAT EM58_HS58_HM58 Ethernet E
CAT EX058_EXM58 E preliminary

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