

# Direct Motor Replacement Encoders

Replacing HS20, HS25, HS35 and other comparable models

Direct Motor Replacement (DMR) Encoders are the solution you've been looking for.

- Consolidate vendors with one encoder solution
- Save money on encoder replacements for most major motor brands
- DMR Encoders meet or exceed OEM specifications for performance and fit
- Short lead times
- Industry best 3-year warranty

You probably have motors from multiple manufacturers in your plant. And for all those motors, you've got just as many different encoder models with all their accessories to manage. Plus, they all have different lead times from different vendors – and probably cost a bundle.

Want to know a secret?

Most of those encoders can be replaced with just a few configurations of BEPC's **Model 25T Encoder**. This versatile, high-performance encoder is a single replacement solution for 2.0" to 3.5" (50.8mm to 88.9mm) encoders.

Our DMRs fit the feedback needs of most common AC induction vector duty NEMA framed motors. With the accessories available for the 25T, DMRs can quickly and easily be adapted to accommodate IEC motors as well.

With DMRs you can replace multiple encoders in your plant with one source, getting equivalent encoders faster and at a lower cost.

It's a sensible choice. And it will save you time and money.

+44(0)1978 262100  
[www.encoder.co.uk](http://www.encoder.co.uk)



*DMR-04-1024. Encoder Product Company's versatile, high-performance Model 25T is the base unit for Direct Motor Replacement encoders.*

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# DMR Ordering Guide

Configuration options not listed below may be available upon request. Contact BEPC for more details.

| Motor Type   | Connector  | Bore           | Tether PCD     | PPR         | Model #     |
|--|--|----------------|----------------|-------------|-------------|
| TENV or TEFC   | Body mounted MS 10-pin connector (MS3102A18)           | 0.625"         | 5.00" to 5.90" | 1024        | DMR-01-1024 |
|  |  |                |                | 2048        | DMR-01-2048 |
|  |  | 1.0"           | 7.25" to 8.10" | 1024        | DMR-02-1024 |
|  |  |                |                | 2048        | DMR-02-2048 |
|  | Body mounted Bayonet 10-pin connector (MS3112E-10P)    | 0.625"         | 5.00" to 5.90" | 1024        | DMR-03-1024 |
|  |  |                |                | 2048        | DMR-03-2048 |
|  |  | 1.0"           | 7.25" to 8.10" | 1024        | DMR-04-1024 |
|  |  |                | 2048           | DMR-04-2048 |             |
| TEBC or ODP  | 18" flying lead cable                                  | 0.625"         | 5.00" to 5.90" | 1024        | DMR-05-1024 |
|  |  |                |                | 2048        | DMR-05-2048 |
|  | 24" flying lead cable                                  | 1.0"           | 7.25" to 8.10" | 1024        | DMR-06-1024 |
|  |  |                |                | 2048        | DMR-06-2048 |
|  | 18" cable with Receptacle Bayonet 10-pin (MS3112E-10P) | 0.625"         | 5.00" to 5.90" | 1024        | DMR-07-1024 |
|  |  |                |                | 2048        | DMR-07-2048 |
| 24" cable with Receptacle Bayonet 10-pin (MS3112E-10P) | 1.0"   | 7.25" to 8.10" | 1024           | DMR-08-1024 |             |
|  |  |                | 2048           | DMR-08-2048 |             |
| Universal*   | Body mounted MS 10-pin connector (MS3102A18)           | 0.625"         | 5.00" to 5.90" | 1024        | DMR-98-1024 |
|  |  | 1.0"           | 7.25" to 8.10" |             |             |
|  | Body mounted Bayonet 10-pin connector (MS3112E-10P)    | 0.625"         | 5.00" to 5.90" | 1024        | DMR-99-1024 |
|  |  | 1.0"           | 7.25" to 8.10" |             |             |

\*Universal replacements accommodate the majority of common AC Induction Vector and Inverter Duty motors. Universal replacements are sold as kits that include mounting hardware. See photos at right for kit contents.

## All DMR units are configured with:

- Regulated 5-28VCC short-circuit protected input
- High Voltage Differential Line Driver output
- A,  $\bar{A}$ , B,  $\bar{B}$ , Z,  $\bar{Z}$  signal channels
- Extended -20°C to 105°C operating temperature range
- IP66 sealing

**Call BEPC today. Let us help you simplify things with our line of DMRs. You'll save time. You'll save money. You'll avoid headaches. Call today.**

## Universal Kit: DMR-98-1024

25T with MS 10-pin connector plus Mounting Hardware



### Mounting Hardware

- 5.00" to 5.90" tether
- 7.25" to 8.10" tether
- Washers
- 0.625" bore sleeve adapters
- 1.00" bore sleeve adapters
- Wrenches
- Screws



## Universal Kit: DMR-99-1024

25T with Bayonet 10-pin connector plus Mounting Hardware



### Mounting Hardware

- 5.00" to 5.90" tether
- 7.25" to 8.10" tether
- Washers
- 0.625" bore sleeve adapters
- 1.00" bore sleeve adapters
- Wrenches
- Screws



Visit [www.encoder.co.uk](http://www.encoder.co.uk) for our full line of quality rotary encoders. For specification assistance call **+44(0)1978 262100**

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