

ABSOLUTE ENCODER 绝对值编码器  
INSULATED SHAFT ENCODER SERIES 绝缘轴系列  
19 mm Size Type | HES190 系列

HES190-40D9-19F65-XXP



## SPECIFICATION

|                             |                   |
|-----------------------------|-------------------|
| Rating                      | : 1mA 10V DC      |
| Contact resistance          | : 10 $\Omega$ max |
| Operating life              | : 30, 000 cycles  |
| Operating temperature range | : -20°C to +60°C  |

### ■ Outline Drawing

| No. | Style                               | PC board mouting hole dimens |
|-----|-------------------------------------|------------------------------|
| 1   | <p>Position NO.1(0°) show below</p> |                              |

## Product List

| MODEL      | DETENT TORQUE<br>(mN.m) | OPERATION<br>DIRECTION | DENTENTS | METHOD OF<br>INSTALLATION | TERMINAL<br>TYPE | DR<br>NU |
|------------|-------------------------|------------------------|----------|---------------------------|------------------|----------|
| HES190-12P | 60±20                   | Vertical               | 12       | PC board                  | Straight         |          |
| HES190-14P |                         |                        | 14       |                           |                  |          |
| HES190-16P |                         |                        | 16       |                           |                  |          |

### ■ Standard codes

[illegible]

