



AMPLIFIED INDUCTIVE SENSORS

Ø 18 HIGH TEMPERATURE SENSORS

10÷30 V DC - 3 WIRES NPN OR PNP OUTPUT

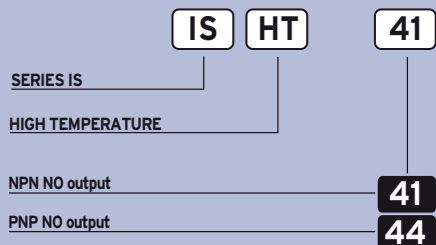
- Range, 5mm - shielded
- Ambient temperature up to 180 °C
- Shielded models
- Cable versions
- Stainless steel housing



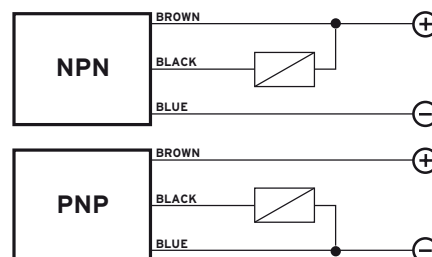
ISHT Series



IDENTIFICATION CODE



WIRING DIAGRAMS



SHIELDED

NOMINAL SWITCHING DISTANCE (Sn)	5 mm
NOMINAL VOLTAGE	10 ÷ 30 VDC (-15 / +10%)
RESIDUAL RIPPLE	≤ 15%
HYSTERESIS	< 15%
MAX. OUTPUT CURRENT	100 mA
RESIDUAL CURRENT	< 3 mA
VOLTAGE DROP (Sensor ON)	< 1.8 V
OPERATION LED	Not present
SWITCHING FREQUENCY	500 Hz
LOAD RESISTOR	100 KOhm
REPEATABILITY	≤ 3%
SHORT CIRCUIT PROTECTION	Present (self-resetting)
ELECTRIC PROTECTIONS	Against polarity reversal
TEMPERATURE LIMITS	- 25 ÷ +180 °C
PROTECTION DEGREE	IP 67
CABLE LENGTH	2 m
CABLE SECTION	3 x 0,25 mm ²
CABLE MATERIAL	Silicon
HOUSING MATERIAL	Stainless steel
WEIGHT - Cable output -	145 g

DIMENSIONS (mm)

