

Applications

- Machine tools
- Hydraulics
- Coolant and lubrication systems
- Machine building

Special features

- Easily-readable, robust display
- Intuitive and fast setup
- Easy and flexible mounting configurations



Order numbers

Measuring range	-20 ... +80 °C			
Process connection	G 1/2 A DIN 3852-E			
Sealing	NBR			
Accuracy	≤ ±0.5 % (analogue signal) ≤ ± 0.8 % (switching output)			
Ingress protection	IP65 and IP67			
Measuring element	Pt1000, 2-wire, DIN EN 60751 / class A			
Output signal	two switching outputs (PNP)	one switching output (PNP) + 4...20 mA	two switching outputs (PNP) + 4...20 mA	
Electrical connection	circular connector M12 x 1, 4-pin	circular connector M12 x 1, 4-pin	circular connector M12 x 1, 5-pin	
Insertion length	25 mm	45719444	45697169	14046977
	50 mm	43660983	45622493	71043829
	100 mm	43659471	14034917	14047931
	150 mm	68031076	57310346	14017268
	250 mm	14037098	14089580	43690092
	350 mm	45697672	57301206	14017264

Quick order code (you can find further possible variants in data sheet TE 67.03)

Field no.	Code	Version
Output signal/switching output		
①	M	2 PNP
	O	PNP + 4 ... 20 mA
	P	PNP + 0 ... 10 V
	Q	2 PNP + 4 ... 20 mA
	R	2 PNP + 0 ... 10 V
Measuring range		
②	CA	-20 ... +80 °C
	CB	-20 ... +120 °C
Insertion length		
③	0025	25 mm / 0.98 in (not available with measuring range -20 ... +120 °C)
	0050	50 mm / 1.97 in (not available with measuring range -20 ... +120 °C)
	0100	100 mm / 3.94 in
	0150	150 mm / 5.91 in
	0250	250 mm / 9.84 in
	0350	350 mm / 13.78 in
Process connection		
④	GT	G 1/2 A DIN 3852-E
	HD	G 1/4 A DIN 3852-E
	ND	1/2 NPT
	NB	1/4 NPT
Sealing		
⑤	1	NBR
	L	FPM/FKM
	Z	without
Electrical connection		
⑥	M4	Circular connector M12 x 1, 4-pin
	M5	Circular connector M12 x 1, 5-pin (only available with output signal 2 PNP + 4 ... 20 mA / 0 ... 10 V)

Order code: TSD-30 - ^① - ^② - ^③ - ^④ ^⑤ - ^⑥ -WZ-ZZ